

NOTICE TO CONTRACTORS

The Architect of the Capitol anticipates that in 2006 the agency's contractors will have to register with the Central Contractor Registration (CCR) database. This is the primary vendor database for the U.S. Federal Government and the CCR collects, validates, stores, and disseminates data in support of agency acquisition missions.

Registration in the CCR will become mandatory in order to be awarded contracts by the Federal Government. Vendors are required to complete a one-time registration to provide basic information relevant to procurement and financial transactions. Vendors must update or renew their registration at least once per year to maintain an active status.

CCR validates the vendor information and electronically shares the secure and encrypted data with the federal agencies finance offices to facilitate paperless payments through electronic funds transfer (EFT).

The AOC is now encouraging all vendors to register with the CCR if they are not already registered. Vendors can register on line at <http://www.ccr.gov>. This internet site contains all pertinent information for registration as well as provides contact points for help when registering.

SOLICITATION, OFFER AND AWARD Architect of the Capitol - January 2004		REQUISITION NO. CD 060220		PROJECT NO.	PAGE 1 OF 44 PAGES
1. CONTRACT NO.		2. SOLICITATION NO. RFP NO. 060129	3. TYPE OF SOLICITATION ____ SEALED BID (IFB) <u> X </u> NEGOTIATED (RFP)	4. DATE ISSUED July 21, 2006	
5. ISSUED BY ARCHITECT OF THE CAPITOL United States Capitol Washington, D.C. 20515			6. ADDRESS OFFER TO (If other than Item 5) Architect of the Capitol Procurement Division Ford House Office Building Attn: Chris Lindsay Room H2-263 Bid Room Second and "D" Streets, S.W. Washington DC 20515		
NOTE: In sealed bid solicitations "offer" and "offeror" mean "bid" and "bidder".					
SUBJECT: Supply Door Hardware for the AOC, Construction Management Division, Washington, DC					

SOLICITATION

7. Sealed offers in original and <u> 2 </u> complete copies for furnishing the supplies or services in the Schedule will be received at the place specified in Item 6 until 1:00 P.M., local time, August 3, 2006 . CAUTION - Submission, Modification, Revision, and Withdrawal of Offers: See Section L. All offers are subject to all terms and conditions contained in this solicitation.	
8. FOR INFORMATION CALL:	Chris Lindsay TELEPHONE NO. (Include area code) (NO COLLECT CALLS) (202) 226-0994

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OFFER (Must be fully completed by offeror)

NOTE: ITEM 10 does not apply if the solicitation includes the provision entitled Minimum Bid Acceptance Period.				
10. In compliance with the above, the undersigned agrees, if this offer is accepted within ____calendar days (60 calendar days unless a different period is inserted by the offeror) from the date for receipt of offers specified above, to furnish any or all items upon which prices are offered at the price set opposite each item, delivered at the designated point(s), within the time specified in the schedule.				
11. DISCOUNT FOR PROMPT PAYMENT		10 CALENDAR DAYS %	20 CALENDAR DAYS %	30 CALENDAR DAYS % _____ CALENDAR DAYS %
12. ACKNOWLEDGMENT OF AMENDMENTS (The offeror acknowledges receipt of amendments to the SOLICITATION for offerors and related documents numbered and dated:	AMENDMENT NO.		DATE	
13A. NAME AND ADDRESS OF OFFEROR	DUNS NO. _____ TAXPAYER IDENTIFICATION NO. _____		14. NAME AND TITLE OF PERSON AUTHORIZED TO SIGN OFFER (Type or Print)	
13B. TELEPHONE & FACSIMILE NOS. (Include area codes)	13C. CHECK IF REMITTANCE ADDRESS IS DIFFERENT FROM ABOVE -ENTER ____ SUCH ADDRESS IN SCHEDULE		15. SIGNATURE	16. OFFER DATE

AWARD (To be completed by Government)

17. ACCEPTED AS TO ITEMS NUMBERED	18. AMOUNT	19. ACCOUNTING AND APPROPRIATION
20. AUTHORITY FOR NEGOTIATION, IF APPLICABLE		22. NAME OF CONTRACTING OFFICER (Type or print)

SECTION B

SUPPLIES OR SERVICES AND PRICES/COSTS

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SECTION B

SUPPLIES OR SERVICES AND PRICES/COSTS

B.1 GENERAL PURPOSE

.1 The Contractor shall provide door frame hardware in accordance with the attached specifications as scheduled in the article entitled "SCHEDULE OF ITEMS" in this section. (See the article entitled "DELIVERY REQUIREMENTS" in Section F.)

B.2 SCHEDULE OF ITEMS

<u>Item No.</u>	<u>Supplies/Services</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Amount</u>
1.	Hardware Package only, per the attached Specifications and Drawings.	148	ea	\$_____	\$_____
2.	Door and Hardware Package, per the attached Specifications and Drawings.	33	ea	\$_____	\$_____
3.	Door, Frame, and Hardware, per the attached Specifications and Drawings	54	ea	\$_____	\$_____
4.	Hardware Only, per the attached Specifications and Drawings.	2	ea	\$_____	\$_____

..... Total Amount of Contract \$_____

END OF SECTION B

SECTION C

DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

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SECTION C

DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

C.1 TYPE OF CONTRACT

.1 This is a Firm Fixed-Price contract to procure door frame hardware in accordance with the attached specifications and drawings.

C.2 SPECIFICATIONS

.1 See attached technical specifications and drawings.

END OF SECTION C

SECTION D
PACKAGING AND MARKING

The door frame hardware packages shall be packed and shipped in accordance with manufacturer's recommendations to the Architect of the Capitol, Construction Management Division, Plaza 500, 6295 Edsall Road, Warehouse 140, Alexandria, VA 22312. The delivery of the door frame hardware packages must be coordinated with the Contracting Officers Technical Representative.

END OF SECTION D

SECTION E
INSPECTION AND ACCEPTANCE

FAR 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these addresses: www.gsa.gov or www.govcon.com

<u>CLAUSE TITLE</u>	<u>DATE</u>	<u>FAR NUMBER</u>
INSPECTION OF SUPPLIES--FIXED-PRICE	AUG 1996	52.246-2
RESPONSIBILITY FOR SUPPLIES	APR 1984	52.246-16

(End of clause)

END OF SECTION E

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DELIVERIES OR PERFORMANCE

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FAR 52.252-2	CLAUSES INCORPORATED BY REFERENCE

SECTION F
DELIVERIES OR PERFORMANCE

AOC52.211-4 TERM OF CONTRACT (JUN 2004)

Deliver of the door hardware packages to the Architect of the Capitol within 21 calendar days after award,. Coordinate this delivery with the Contracting Officer's Technical Representative.

(End of clause)

FAR 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these addresses: www.gsa.gov or www.govcon.com

<u>CLAUSE TITLE</u>	<u>DATE</u>	<u>FAR NUMBER</u>
F.O.B. DESTINATION	NOV 1991	52.247-34

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SECTION G CONTRACT ADMINISTRATION DATA

AOC52.201-1 CONTRACTING OFFICER'S AUTHORITY (JUN 2004)

The Contracting Officer is the only person authorized to make or approve any changes in any of the requirements of this contract, notwithstanding any provision contained elsewhere in this contract. In the event that the Contractor makes any change at the direction of any person other than the Contracting Officer, the change will be considered to have been made without authority and no adjustment will be made in the contract price to cover any increase in costs incurred as a result thereof.

(End of clause)

AOC52.201-2 CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR) (JUN 2004)

The Government shall provide the name, address and telephone number of the COTR at the time of contract award and the duties thereby delegated to that person. Any subsequent change to the individual or the individual's responsibilities will be confirmed in writing by the Contracting Officer. In no instance will the COTR be delegated authority to order any change in the contractor's performance which would affect (a) cost or schedule for contracts for services or supplies or cost, or (b) the completion date for intermediate phases or milestones, or overall completion date for contracts for construction.

(End of clause)

AOC52.223-8 DELIVERY VEHICLE INSPECTION REQUIREMENTS (SEP 2004)

(a) All vehicles and contents used by the Contractor or his subcontractors which enter or leave United States Government property during performance of work under this contract will be subject to clearance, inspection, and identification procedures conducted by the United States Capitol Police.

(b) *Mobile Vehicle and Cargo Inspection System (Mobile VACIS)*. All delivery vehicles carrying fuel, garbage, or similar cargo that cannot be offloaded for inspection and security screening shall utilize the Mobile VACIS located at Third and Pennsylvania Avenue, NW, Washington, DC, for inspection prior to making deliveries to any building within the Capitol Complex, including, but not limited to, the U.S. Capitol Building; the U.S. Botanic Garden; the Hart, Dirksen, and Russell Senate Office Buildings; the Rayburn, Longworth, Cannon, and Ford House Office Buildings; the Thomas Jefferson, John Adams, and James Madison Memorial Library of Congress buildings; the Capitol Power Plant; the Capitol Visitors Center; and the U.S. Supreme Court and Thurgood Marshall Federal Judiciary Buildings.

(1) For deliveries requiring Mobile VACIS inspection, within seven calendar days or prior to the first delivery, the contractor shall provide the following information to the U.S. Capitol Police:

- (I) List of drivers;
- (ii) Date of birth for each driver;
- (iii) Social Security Number of each driver;

- (iv) Vehicle make;
- (v) Vehicle model;
- (vi) License tag number and state where vehicle is licensed;
- (vii) Color of vehicle; and
- (viii) Contractor name, if shown on the vehicle.

(2) Information for deliveries made through the Mobile VACIS unit must be faxed to (202) 228-4313. For verification of receipt, the contractor may call (202) 224-9728.

(3) Updates to the above information for Mobile VACIS deliveries must be sent to the U.S. Capitol Police throughout the period of performance of the contract.

©) *4700 Shepherd Parkway SW inspection facility.* All other vehicles making deliveries to the above listed locations except for the Thomas Jefferson, John Adams, and James Madison Memorial Library of Congress buildings and the U.S. Supreme Court shall utilize the off-site inspection and screening facilities at 4700 Shepherd Parkway SW, Washington DC 20032.

(End of clause)

END OF SECTION G

**SECTION I
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SECTION I CONTRACT CLAUSES

AOC52.202-1 DEFINITIONS (JUN 2004)

- (a) The term "head of the agency" as used herein means the Committee, Commission, or other authority of the Legislative Branch of the Government having final jurisdiction or supervision over the work involved. The term "other authority" as used in this paragraph includes the Contracting Officer in cases in which he has final jurisdiction or supervision over the work involved.
- (b) The term "Architect" as used herein means the Architect of the Capitol.
- ©) The term "Contracting Officer" as used herein means the Architect of the Capitol or his duly authorized representative.
- (d) The term "his duly authorized representative" as used herein means any person or persons or board authorized to act for the head of the agency within the scope of their authority.
- (e) Except as otherwise provided in this contract, the term "subcontracts" includes purchase orders placed for performance under this contract.

(End of clause)

AOC52.203-1 ADVERTISING/PROMOTIONAL MATERIALS (JUN 2004)

- (a) It is the policy of the Congress to discourage contractors providing services and supplies to the Legislative Branch entities, including the Architect of the Capitol, from advertising practices that feature the Capitol and Capitol Complex in a manner in which conveys, or is reasonably calculated to convey, a false impression of sponsorship, approval or endorsement of any product or service by the Congress, the Government of the United States, or any Department, Agency or instrumentality thereof.
- (b) Contractors performing construction services for Legislative Branch entities, including the Architect of the Capitol, are discouraged from capitalizing on their contractual relationships with such entities and shall not engage in advertising practices which convey, or are reasonably calculated to convey, a false impression of sponsorship, approval or endorsement of any product or service by the Congress, the Government of the United States, of any Department, Agency or instrumentality thereof. This includes utilizing, in conjunction with the fact of their contractual relationship, images of the Capitol, any other buildings in the Capitol Complex, or any part of the United States Capitol Grounds in their advertising or promotional materials; and/or publishing or disseminating the aforementioned advertising or promotional materials.
- ©) The Contractor, by signing this contract, agrees to comply with the foregoing and to submit any proposed advertising or promotional copy connected in any manner with this contract and/or the Capitol, other Capitol Complex Buildings, or the United States Capitol Grounds to the Contracting Officer for approval prior to publication.

(End of clause)

AOC52.203-2 DISCLOSURE OF INFORMATION TO THE GENERAL PUBLIC (JUN 2004)

(a) Promptly after receiving any request from the general public for information on or data derived from this contract, the contractor shall notify the Architect of the Capitol, Procurement Division. The contractor shall cooperate with the Procurement Division in compiling or collecting information or data if the Architect of the Capitol determines the information or data to be releasable.

(b) “General public”, for purposes of this clause, are those groups or individuals who are not authorized by law or regulation to have access.

©) This clause is not intended to prevent the contractor from providing contract information or data which the contractor is required to provide in order to conduct its business, such as insurance, banking, subcontracting.

(d) The contractor is permitted to request that proprietary information or data not be released if such release would harm or impair the contractor in conducting its normal business. Such request must be documented with clear and specific grounds for that claim.

(End of clause)

AOC52.204-1 PRINTED OR COPIED DOUBLE-SIDED ON RECYCLED PAPER (JUN 2004)

The Contractor is encouraged to submit paper documents, such as offers, letters, or reports, that are printed or copied doubled-sided on recycled paper and meet minimum content standards when not using electronic commerce methods to submit information or data to the Government.

(End of clause)

AOC52.215-10 EXAMINATION OF RECORDS (JUN 2004)

(a) The Contractor agrees that the Architect of the Capitol or any duly authorized representatives shall, until the expiration of 3 years after final payment under this contract, have access to and the right to examine any books, accounting procedures and practices documents, papers, records and other data regardless of whether such items are in written form, in the form of computer data or in any other form and other supporting evidence, involving transactions related to this contract or compliance with any clause or certification thereunder.

(b) The Contractor further agrees to include in all its subcontracts hereunder a provision to the effect that subcontractor agrees that the Architect of the Capitol or any authorized representatives shall, until the expiration of 3 years after final payment under the subcontract, have access to and the right to examine books, documents, papers, records other data regardless of whether such items are in written form, in the form of computer data or in any other form, and other supporting evidence, involving transactions related to the subcontract or compliance with any clause or certification thereunder.

©) The term “subcontract” as used in this clause excludes purchase orders not exceeding \$10,000.

(End of clause)

AOC52.219-1 UTILIZATION OF SMALL BUSINESS CONCERNS (AUG 2004)

(a) It is the policy of the Government as declared by the Congress that a fair proportion of the purchases and contracts for supplies and services for the Government be placed with all types of small business concerns as determined by the size standards in 13 CFR 121.

(b) The Contractor agrees to accomplish the maximum amount of subcontracting to all types of small business concerns that the Contractor finds to be consistent with the efficient performance of this contract.

(End of clause)

AOC52.222-3 CONVICT LABOR (JUN 2004)

In connection with the performance of work under this contract the Contractor agrees not to employ any person undergoing sentence of imprisonment except as provided by Public Law 89-176, approved September 10, 1965, 18 U.S.C. 4082©)(2).

(End of clause)

FAR 52.223-3 HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA (JAN 1997) ALTERNATE I (JULY 1995)

(a) "Hazardous material" as used in this clause, includes any material defined as hazardous under the latest version of Federal Standard No. 313 (including revisions adopted during the term of the contract).

(b) The offeror must list any hazardous material, as defined in Paragraph (a) of this clause, to be delivered under this contract. The hazardous material shall be properly identified and include any applicable identification number, such as National Stock Number or Special Item Number. This information shall also be included on the Material Safety Data Sheet submitted under this contract.

Material (If none, insert "None")	Identification No.
_____	_____
_____	_____
_____	_____

©) This list must be updated during performance of the contract whenever the Contractor determines that any other material to be delivered under this contract is hazardous.

(d) The apparently successful offeror agrees to submit, for each item as required prior to award a "Material Safety Data Sheet", meeting the requirement of 29 CFR 1910.1200(g) and the latest version of Federal Standard No. 313, for all hazardous material identified in Paragraph (b) of this clause. Data shall be submitted in accordance with Federal Standard No. 313, whether or not the apparently successful offeror is the actual manufacturer of these items. Failure to submit the Material Safety Data Sheet prior to award may result in the apparently successful offeror being considered nonresponsible and ineligible for award.

(e) If, after award, there is a change in the composition of the items(s) or a revision to Federal Standard No. 313, which renders incomplete or inaccurate the data submitted under Paragraph (d) of this clause, the Contractor shall promptly notify the Contracting Officer and resubmit the data.

(f) Neither the requirements of this clause nor any act or failure to act by the Government shall relieve the Contractor of any responsibility or liability for the safety of Government, Contractor, or subcontractor personnel or property.

(g) Nothing contained in this clause shall relieve the Contractor from complying with applicable Federal, State and local laws, codes, ordinances, and regulations (including the obtaining of licenses and permits) in connection with hazardous material.

(h) The Government's rights in data furnished under this contract with respect to hazardous material are as follows:

(1) To use, duplicate and disclose any data to which this clause is applicable. The purposes of this right are to—

(I) Apprise personnel of the hazards to which they may be exposed in using, handling, packaging, transporting, or disposing of hazardous materials;

(ii) Obtain medical treatment for those affected by the material; and

(iii) Have others use, duplicate and disclose the data for the Government for these purposes.

(2) To use, duplicate and disclose data furnished under this clause, in accordance with subparagraph (h)(1) of this clause, in precedence over any other clause of this contract providing for rights in data.

(3) The Government is not precluded from using similar or identical data acquired from other sources.

(I) Except as provided in paragraph (I)(2), the Contractor shall prepare and submit a sufficient number of Material Safety Data Sheets (MSDS's), meeting the requirements of 29 CFR 1910.1200(g) and the latest version of Federal Standard No. 313, for all hazardous materials identified in paragraph (b) of this clause.

(1) For items shipped to consignees, the Contractor shall include a copy of the MSDS's with the packing list or other suitable shipping document which accompanies each shipment. Alternatively, the Contractor is permitted to transmit MSDS's to consignees in advance of receipt of shipments by consignees, if authorized in writing by the Contracting Officer.

(2) For items shipped to consignees identified by mailing address as agency depots, distribution centers or customer supply centers, the Contractor shall provide one copy of the MSDS' in or on each shipping container. If affixed to the outside of each container, the MSDS's must be placed in a weather resistant envelope.

(End of clause)

AOC52.223-1 HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY
DATA - SUPPLEMENT (JUN 2005)

(a) Except as provided in paragraph ©), the Contractor shall prepare and submit a sufficient number of Material Safety Data Sheets (MSDS's), meeting the requirements of 29 CFR 1910.1200(g) and the latest version of Federal Standard No. 313, for all hazardous materials identified in FAR 52.223-3(b).

(b) For items shipped to consignees, the Contractor shall include a copy of the MSDS's with the packing list or other suitable shipping document which accompanies each shipment. Alternatively, the Contractor is permitted to transmit MSDS's to consignees in advance of receipt of shipments by consignees, if authorized in writing by the Contracting Officer.

©) For items shipped to consignees identified by mailing address as agency depots, distribution centers or customer supply centers, the Contractor shall provide one copy of the MSDS' in or on each shipping container. If affixed to the outside of each container, the MSDS's must be placed in a weather resistant envelope.

(d) For items provided to a construction site, the Contractor shall provide two copies of each MSDS. One copy shall be provided to the COTR in accordance with the Division 1 submittal requirements, and a second copy shall be kept in an MSDS binder on the job site.

(End of clause)

AOC52.223-9 ACCIDENT PREVENTION AND SAFETY AND HEALTH PROGRAMS (SEP 2004)

(a) The Contractor shall comply with the safety and health standards published in 41 C.F.R. Part 50-205, including any matters incorporated by reference therein.

(b) The Contractor shall also comply with the regulations issued by the Secretary of Labor pursuant to the Williams-Steiger Occupational Safety and Health Act of 1970, as set forth in Title 29 of the Code of Federal Regulations.

©) The Contractor shall bring to the attention of the Architect any work encountered that may involve entry into a suspected confined space as defined by OSHA. A determination will be made by the Architect, and if the areas is deemed a permit required confined space, additional protective measures will be needed, per OSHA requirements.

(d) In the event that conditions on the site pose an imminent danger or threat to the Contractor's workers, the public, Government employees, other persons, or to Capitol complex structures and property of historical significance, the Contracting Officer can verbally order the Contractor to stop work operations in the specified area until said conditions are corrected to the Contracting Officer's satisfaction. The Contracting Officer shall promptly issue a written order to stop the work to the Contractor formalizing the specifics of the verbal stop work order.

(e) The Contractor shall not be entitled to any equitable adjustment of the contract price or extension of the performance schedule on any stop work order issued under this clause.

(End of clause)

AOC52.225-1 BUY AMERICAN ACT - SUPPLEMENT (JUN 2004)

In addition to provisions of the above clause entitled, "Buy American Act", the General Provisions of the Legislative Branch Appropriations Act provides in part, as follows:

(a) It is the sense of the Congress that, to the greatest extent practicable, all equipment and products purchased with funds made available in the Act should be American-made.

(b) In providing financial assistance to or entering into any contract with, any entity using funds made available in the Act, the head of each Federal Agency, to the greatest extent practicable, shall provide to such entity a notice describing the statement made in Paragraph (a) above, by the Congress.

(End of clause)

AOC52.227-1 PATENT INDEMNITY - COMMERCIAL ITEMS (JUN 2004)

The Contractor shall indemnify the Government and its officers, employees and agents against liability, including costs, for actual or alleged direct or contributory infringement of, or inducement to infringe, any United States or foreign patent, trademark or copyright, arising out of the performance of the contract, provided the Contractor is reasonably notified of such claims and proceedings.

(End of clause)

AOC52.232-1 PAYMENTS - SUPPLIES (JUN 2004)

(a) The Contractor shall be paid, upon the submission of proper invoices or vouchers, the prices stipulated herein for supplies delivered and accepted or services rendered and accepted, less deductions, if any, as herein provided. Unless otherwise specified, payment will be made on partial deliveries accepted by the Government when the amount due on such deliveries so warrants; or, when requested by the Contractor and not otherwise specified, payment for accepted partial deliveries shall be made whenever such payment would equal 50 percent of the total amount of this contract.

(b) If partial payments are to be made, all material and work covered by partial payments made shall thereupon become the sole property of the Government, but this provision shall not be construed as relieving the Contractor from the sole responsibility of fulfilling contractual requirements for all material and work upon which payments have been made or the restoration of any damaged work, or as waiving the right of the Government to require the fulfillment of all of the terms of the contract.

©) Upon completion and acceptance of all work, the amount due the Contractor under this contract will be paid upon the presentation of a properly executed invoice and after the Contractor shall have furnished the Government with a release, if required, of all claims against the Government arising under and by virtue of this contract, other than claims, if any, in stated amounts as may be specifically excepted by the Contractor from the operation of the release. If the Contractor's claim to amounts payable under the contract has been assigned under the Assignment of Claims Act of 1940, as amended (31 U.S.C. 3727, 41 U.S.C. 15), a release may also be required of the assignee.

(d) Until further notice, properly certified invoices shall be FAXED, in triplicate, to the Accounting Office, Architect of the Capitol at 202-226-2580. Information concerning requirements for payment requisitions

must be secured by telephoning the Accounting Officer at (202) 226-2552. To assist the AOC in making timely payments, the Contractor is requested to furnish the following additional information on the invoice:

(1) Contract number;

(2) Name, address and Taxpayer I.D.of Contractor;

(3) Invoice Date; and

(4) Amount by line item including quantity and unit pricing (see the "SCHEDULE OF ITEMS" in Section B)

(e) Payments will be made directly to the contractor's financial institution through Direct Deposit/Electronic Funds Transfer (DD/EFT). The Contractor's attention is directed to the requirements of AOC52.232-6, Payment by Electronic Funds Transfer - Other Than Central Contractor Registration.

(End of clause)

AOC52.232-6 PAYMENT BY ELECTRONIC FUNDS TRANSFER - OTHER THAN CENTRAL CONTRACTOR REGISTRATION (JUN 2004)

(a) *Method of payment.* (1) All payments by the Government under this contract shall be made by electronic funds transfer (EFT) except as provided in paragraph (a)(2) of this clause. As used in this clause, the term "EFT" refers to the funds transfer.

(2) In the event the Government is unable to release one or more payments by EFT, the contractor agrees to either--

(i) Accept payment by check or some other mutually agreeable method of payment; or

(ii) Request the Government to delay payment until such time as the Government makes payment by EFT (but see paragraph (d)).

(b) *Mandatory submission of Contractor's EFT information.* (1) The Contractor is required to provide the Government with the information required to make payment by EFT (see paragraph (i) of this clause). The contractor shall provide this information directly to the office designated in paragraph (k) to receive that information (hereafter: "designated office") by three working days after notification of contract award. If not otherwise specified in this contract, the payment office is the designated office for receipt of the contractor's EFT information. If more than one designated office is named for the contract, the contractor shall provide a separate notice to each office. In the event that the EFT information changes, the contractor shall be responsible for providing the updated information to the designated office(s).

(2) If the contractor provides EFT information applicable to multiple contracts, the contractor shall specifically state the applicability of this EFT information in terms acceptable to the designated office. However, EFT information supplied to a designated office shall be applicable only to contracts that identify that designated office as the office to receive EFT information for that contract.

©) *Mechanisms for EFT payment.* The Government may make payment by EFT through the Automated Clearing House (ACH) network, subject to the rules of the National Automated Clearing House Association. The rules governing Federal payments through the ACH are contained in 31 CFR part 210.

(d) *Suspension of payment.* (1) Notwithstanding the provisions of any other clause of this contract, the Government is not required to make any payment under this contract until after receipt, by the designated payment office, of the correct EFT payment information from the Contractor. Until receipt of the correct EFT information, any invoice or contract financing request shall be deemed not to be a valid invoice.

(2) If the EFT information changes after submission of correct EFT information, the Government shall begin using the changed EFT information no later than the 30 days after its receipt by the designated office to the extent payment is made by EFT. However, the Contractor may request that no further payments be made until the changed EFT information is implemented by the payment office.

(e) *Liability for uncompleted or erroneous transfers.* (1) If an uncompleted or erroneous transfer occurs because the Government failed to use the Contractor-provided EFT information in the correct manner, the Government remains responsible for--

- (I) Making a correct payment; and
- (ii) Recovering any erroneously directed funds.

(2) If an uncompleted or erroneous transfer occurs because Contractor's EFT information was incorrect at the time of Government release or was revised within 30 days of Government release of the EFT payment transaction instruction to the Federal Reserve System, and

(I) If the funds are no longer under the control of the payment office, the Government is deemed to have made payment and the Contractor is responsible for recovery of any erroneously directed funds; or

(ii) If the funds remain under the control of the payment office, the Government shall not make payment and the provisions of paragraph (d) shall apply.

(f) *EFT and assignment of claims.* If the contractor assigns the proceeds of this contract as provided for in the assignment of claims terms of this contract, the contractor shall require as a condition of any such assignment that the assignee shall provide the EFT information required by paragraph (I) of this clause to the designated office and shall be paid by EFT in accordance with the terms of this clause. In all respects, the requirements of this clause shall apply to the assignee as if it were the contractor. EFT information that shows the ultimate recipient of the transfer to be other than the contractor, in the absence of a proper assignment of claims acceptable to the Government, is incorrect EFT information within the meaning of Paragraph (d) of this clause.

(g) *Liability for change of EFT information by financial agent.* The Government is not liable for errors resulting from changes to EFT information provided by the contractor's financial agent.

(h) *Payment information.* The payment or disbursing office shall forward to the Contractor available payment information that is suitable for transmission as of the date of release of the EFT instruction to the Federal Reserve System. The Government may request the Contractor to designate a desired format and method(s) for delivery of payment information from a list of formats and methods the payment office is

capable of executing. However, the Government does not guarantee that any particular format or method of delivery is available at any particular payment office and retains the latitude to use the format and delivery method most convenient to the Government. If the Government makes payment by check in accordance with paragraph (a) of this clause, the Government shall mail the payment information to the remittance address in the contract.

(I) *EFT Information.* The contractor shall provide the following information to the designated payment office. The contractor may supply this data for this or multiple contracts (see paragraph (b) of this clause). The Contractor shall designate a single financial agent per contract capable of receiving and processing the EFT information using the EFT methods described in paragraph ©) of this clause. The information required is as follows:

- (1) The contract number;
- (2) The contractor's name and remittance address as stated in the contract(s);
- (3) The signature (manual or electronic, as appropriate), title, and telephone number of the contractor's official authorized to provide this information;
- (4) The name, address, and 9-digit Routing Transit Number of the contractor's financial agent; and
- (5) The contractor's account number and the type of account (checking, saving or lockbox).

(j) The Contractor shall send all EFT information, and any changes to EFT information to the office designated in paragraph (k) of this clause. The Contractor shall not send EFT information to the payment office, or any other office than that designated in paragraph (k). The Government need not use any EFT information sent to any office other than that designated in paragraph (k).

(k) Designated office:

Name:

Architect of the Capital

Accounting Division

Mailing Address:

2nd and D Streets SW

Ford House Office Building

Washington, DC 20515

Telephone:

(202) 226-2552

Facsimile:

(202) 225-7321

(End of clause)

AOC52.232-7 DISCOUNTS (AUG 2004)

(a) Discounts for prompt payment will not be considered in the evaluation of offers. However, any offered discount will form a part of the award, and will be taken if payment is made within the discount period indicated in the offer by the offeror. As an alternative to offering a prompt payment discount in conjunction with the offer, offerors awarded contracts may include prompt payment discounts on individual invoices.

(b) In connection with any discount offered for prompt payment, time shall be computed from the date of the invoice. If the Contractor has not placed a date on the invoice, the due date shall be calculated from the date the designated billing office receives a proper invoice, provided the agency annotates such invoice with the date of receipt at the time of receipt. For the purpose of computing the discount earned, payment shall be considered to have been made on the date that appears on the payment check or, for an electronic funds transfer, the specified payment date. When the discount date falls on a Saturday, Sunday, or legal holiday and, for work performed in the District of Columbia, Presidential Inauguration Day, when Federal Government offices are closed and Government business is not expected to be conducted, payment may be made on the following business day.

(End of clause)

AOC52.232-9 PAYMENT OF INTEREST ON CONTRACTOR CLAIMS (JUN 2004)

(a) If an appeal is filed by the Contractor from a final decision of the Contracting Officer under the Disputes paragraph of this contract, denying a claim arising under the contract, simple interest on the amount of the claim finally determined owed by the Government shall be payable to the Contractor. Such interest shall be at the rate determined by the Secretary of the Treasury pursuant to Public Law 92-41, 85 Stat. 97, from the date the Contractor furnishes to the Contracting Officer his written appeal under the Disputes paragraph of this contract, to the date of (1) a final judgement by a court of competent jurisdiction, or (2) mailing to the Contractor of a change order, or a supplemental agreement for execution either confirming completed negotiations between the parties or carrying out a decision of a contract appeals board.

(b) Notwithstanding Paragraph (a) above, (1) interest shall be applied only from the date payment was due, if such date is later than the filing of appeal, and (2) interest shall not be paid for any period of time that the Contracting Officer determines the Contractor has unduly delayed in pursuing his remedies before a board of contract appeals or a court of competent jurisdiction.

(End of clause)

AOC52.232-12 ASSIGNMENT - SUPPLEMENT (SEP 2004)

Neither the contract nor any interest therein shall be assigned. However, moneys due or to become due under the contract may be assigned in accordance with the provisions of FAR clause 52.232-23 (ASSIGNMENT OF CLAIMS) as incorporated by reference in Section I.

(End of clause)

AOC52.233-1 DISPUTES (JUN 2004)

(a) Except as otherwise provided in this contract, any dispute concerning a question of fact arising under this contract which is not disposed of by agreement shall be decided by the Contracting Officer, who shall reduce his decision to writing and mail or otherwise furnish a copy thereof to the Contractor. The decision of the Contracting Officer shall be final and conclusive unless, within 30 days from the date of receipt of such copy, the Contractor mails or otherwise furnishes to the Contracting Officer a written appeal addressed to the head of the agency involved. The decision of the head of the agency or his duly authorized representative for the determination of such appeals shall be final and conclusive. This provision shall not be pleaded in any suit involving a question of fact arising under this contract as limiting judicial review of any such decision to cases where fraud by such official or his representative or board is alleged; **provided, however**, that any such

decision shall be final and conclusive unless the same is fraudulent or capricious or arbitrary or so grossly erroneous as necessarily to imply bad faith or is not supported by substantial evidence. In connection with any appeal proceeding under this paragraph, the Contractor shall be afforded an opportunity to be heard and to offer evidence in support of his appeal. Pending final decision of a dispute hereunder, the Contractor shall proceed diligently with the performance of the contract and in accordance with the Contracting Officer's decision.

(b) This paragraph does not preclude consideration of questions of law in connection with decisions provided for in Paragraph (a) above. Nothing in this contract, however, shall be construed as making final the decision of any administrative official, representative, or board on a question of law.

(End of clause)

AOC52.233-2 CLAIMS FOR EQUITABLE ADJUSTMENTS - WAIVER AND RELEASE OF CLAIMS (JUN 2004)

(a) Whenever the Contractor submits a claim for equitable adjustment under any paragraph of this contract which provides for equitable adjustment of the contract, such claim shall include all types of adjustments in the total amounts to which the paragraph entitles the Contractor, including but not limited to adjustments arising out of delays or disruptions or both caused by such change. Except as the parties may otherwise expressly agree, the Contractor shall be deemed to have waived (1) any adjustments to which it otherwise might be entitled under the paragraph where such claims fail to request such adjustments, and (2) any increase in the amount of equitable adjustments additional to those requested in its claim.

(b) Further, the Contractor agrees that, if required by the Contracting Officer, he will execute a release, in form and substance satisfactory to the Contracting Officer, as part of the supplemental agreement setting forth the aforesaid equitable adjustment, and that such release shall discharge the Government, its officers, agents and employees, from any further claims, including but not limited to further claims arising out of delays or disruptions or both, caused by the aforesaid change.

(End of clause)

AOC52.245-2 GOVERNMENT-FURNISHED PROPERTY (NOV 2004)

(a) For the purposes of this clause, Government-furnished "property" includes cell phones and telephones, personal digital assistants, computers (including laptops), electronic devices, services such as network access, tools, furnished space, storage, utilities, furnishings, equipment, and any other item or service provided by the AOC to the contractor.

(b) No AOC equipment or property can be provided under this contract unless specifically negotiated as part of the award price. If, after contract award, it becomes necessary or advisable to issue AOC property to the contractor, the contract price shall be reduced by a reasonable amount that reflects the price the contractor would pay if providing the property.

©) The Contracting Officer's Technical Representative (COTR) for this contract is responsible for coordinating the issuance and return of Government-furnished property.

(d) Any Government-furnished property provided to the contractor for use during performance of this contract shall be issued to the contractor's representative and recorded on AOC Form 1423, AOC PROPERTY ISSUED TO CONTRACTORS. The contractor's representative shall be responsible for the ensuring the proper care and use of the Government-furnished property, whether used by the contractor representative or another contractor employee. Government-furnished property provided by the AOC can be used only for the conduct of official business on behalf of the AOC. The contractor is specifically prohibited from using AOC-furnished property for personal use or to conduct operations that benefit other Government agency contracts or other contractor activities that do not directly support AOC contracts.

(e) All information technology property that requires interface or connection to the AOC network must be provided by the AOC. The use of non-AOC IT property that requires interface or connection to the AOC network is strictly prohibited.

(f) All contractor employees who require access to the AOC network or who are issued a personal digital assistant must complete and sign the "Non-disclosure Agreement for Contract Employees Conditional Access to Sensitive but Unclassified Information for The Architect of The Capitol" before access will be granted. The COTR is responsible for providing the non-disclosure agreements to the AOC Office of Information Resources Management.

(g) All Government-furnished property shall be returned by the contractor to the COTR in the same condition as issued, with allowances for wear and tear that occurs with reasonable care and use. Failure to return Government-furnished property or the return of Government-furnished property that has not been properly maintained and used may result in a reduction to the contract price that reflects the market replacement value of the property or the market price to repair or restore the property to its condition when issued to the contractor.

(End of clause)

AOC52.246-3 WARRANTY OF COMMERCIAL ITEMS (JUN 2004)

The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract.

(End of clause)

AOC52.246-4 WARRANTY OF NON-COMMERCIAL ITEMS (JUN 2004)

(a) *Definitions.* "Acceptance", as used in this clause, means the act of an authorized representative of the Government by which the Government assumes for itself, or as an agent of another, ownership of existing supplies, or approves specific services as partial or complete performance of the contract.

"Correction", as used in this clause, means the elimination of a defect.

"Supplies", as used in this clause, means the end item furnished by the Contractor and related services required under the contract. The word does not include "data".

(b) *Contractor's Obligation.* (1) Notwithstanding inspection and acceptance by the Government of supplies furnished under this contract, or any condition of this contract concerning the conclusiveness thereof, the Contractor warrants that for 1 year from the date of final delivery and acceptance all supplies furnished under

this contract will be free from defects in material or workmanship and will conform with all requirements of this contract; and

(2) The preservation, packaging, packing, and marking, and the preparation for, and method of, shipment of such supplies will conform with the requirements of this contract.

©) When return, correction, or replacement is required, transportation charges and responsibility for the supplies while in transit shall be borne by the Contractor. However, the Contractor's liability for the transportation charges shall not exceed an amount equal to the cost of transportation by the usual commercial method of shipment between the place of delivery specified in this contract and the Contractor's plant, and return.

(d) Any supplies or parts thereof, corrected or furnished in replacement under this clause, shall also be subject to the terms of this clause to the same extent as supplies initially delivered. The warranty, with respect to supplies or parts thereof, shall be equal in duration to that in paragraph (b)(1) of this clause and shall run from the date of delivery of the corrected or replaced supplies.

(e) All implied warranties of merchantability and "fitness for a particular purpose" are excluded from any obligation contained in this contract.

(f) The rights and remedies of the Government provided in this clause are in addition to and do not limit any rights afforded to the Government by any other clause of this contract.

(End of clause)

FAR 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these addresses: www.gsa.gov or www.govcon.com

<u>CLAUSE TITLE</u>	<u>DATE</u>	<u>FAR NUMBER</u>
GRATUITIES	APR 1984	52.203-3
COVENANT AGAINST CONTINGENT FEES	APR 1984	52.203-5
RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT	JUL 1995	52.203-6
MATERIAL REQUIREMENTS	AUG 2000	52.211-5
AUDITS AND RECORDS - NEGOTIATED	JUN 1999	52.215-2
WALSH-HEALEY PUBLIC CONTRACTS ACT	DEC 1996	52.222-20
EQUAL OPPORTUNITY	APR 2002	52.222-26
EQUAL OPPORTUNITY FOR SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA AND OTHER ELIGIBLE VETERANS	DEC 2001	52.222-35
AFFIRMATIVE ACTION FOR WORKERS WITH DISABILITIES	JUN 1998	52.222-36
EMPLOYMENT REPORTS ON SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA,		

AND OTHER ELIGIBLE VETERANS	DEC 2001	52.222-37
DRUG-FREE WORKPLACE	MAY 2001	52.223-6
BUY AMERICAN ACT - SUPPLIES	JUN 2003	52.225-1
PATENT INDEMNITY	APR 1984	52.227-3
FEDERAL, STATE AND LOCAL TAXES	APR 2003	52.229-3
EXTRAS	APR 1984	52.232-11
ASSIGNMENT OF CLAIMS	JAN 1986	52.232-23
BANKRUPTCY	JULY 1995	52.242-13
CHANGES--FIXED-PRICE	AUG 1987	52.243-1
TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (FIXED-PRICE) (SHORT FORM)	APR 1984	52.249-1
TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (FIXED-PRICE)	MAY 2004	52.249-2
DEFAULT (FIXED-PRICE SUPPLY AND SERVICE)	APR 1984	52.249-8
END OF SECTION I		

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SPECIFICATION SECTION 08710 - FINISH HARDWARE

SPECIFICATION SECTION 08810 - FIRE RATE GLASS

DRAWING SK-1, SHEETS 2, 4, 5, 6, 7, 9, AND 11

DRAWING A8.20

END OF SECTION J

SECTION K
REPRESENTATIONS, CERTIFICATIONS AND OTHER STATEMENTS OF OFFERORS

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SECTION K
REPRESENTATIONS, CERTIFICATIONS AND OTHER STATEMENTS OF OFFERORS

FAR 52.203-2 CERTIFICATE OF INDEPENDENT PRICE DETERMINATION (APR 1985)

(a) The offeror certifies that -

(1) The prices in this offer have been arrived at independently, without, for the purpose of restricting competition, any consultation, communication, or agreement with any other offeror or competitor relating to –

(I) Those prices;

(ii) The intention to submit an offer; or

(iii) The methods or factors used to calculate the prices offered;

(2) The prices in this offer have not been and will not be knowingly disclosed by the offeror, directly or indirectly, to any other offeror or competitor before bid opening (in the case of a sealed bid solicitation) or contract award (in the case of a negotiated solicitation) unless otherwise required by law; and --

(3) No attempt has been made or will be made by the offeror to induce any other concern to submit or not to submit an offer for the purpose of restricting competition.

(b) Each signature on the offer is considered to be a certification by the signatory that the signatory -

(1) Is the person in the offeror's organization responsible for determining the prices being offered in this bid or proposal, and that the signatory has not participated and will not participate in any action contrary to paragraphs (a)(1) through (a)(3) of this provision; or

(2)(I) Has been authorized, in writing, to act as agent for the following principals in certifying that those principals have not participated, and will not participate in any action contrary to paragraphs (a)(1) through (a)(3) of this provision

[insert full name of person(s) in the offeror's organization responsible for determining the prices offered in this bid or proposal, and the title of his or per position in the offeror's organization];

(ii) As an authorized agent, does certify that the principals named in subdivision (b)(2)(I) of this provision have not participated, and will not participate, in any action contrary to paragraphs (a)(1) through (a)(3) of this provision; and

(iii) As an agent, has not personally participated, and will not participate, in any action contrary to paragraphs (a)(1) through (a)(3) of this provision.

©) If the offeror deletes or modifies paragraph (a)(2) of this provision, the offeror must furnish with its offer a signed statement setting forth in detail the circumstances of the disclosure.

(End of provision)

FAR 52.204-3 TAXPAYER IDENTIFICATION (OCT 1998)

(a) *Definitions.*

"Common parent," as used in this provision, means that corporate entity that owns or controls an affiliated group of corporations that files its Federal income tax returns on a consolidated basis, and of which the offeror is a member.

"Taxpayer Identification Number (TIN)," as used in this provision, means the number required by the Internal Revenue Service (IRS) to be used by the offeror in reporting income tax and other returns. The TIN may be either a Social Security Number or an Employer Identification Number.

(b) All offerors must submit the information required in paragraphs (d) through (f) of this provision to comply with debt collection requirements of 31 U.S.C. 7701©) and 3325(d), reporting requirements of 26 U.S.C. 6041, 6041A, and 6050M, and implementing regulations issued by the IRS. If the resulting contract is subject to the payment reporting requirements described in Federal Acquisition Regulation (FAR) 4.904, the failure or refusal by the offeror to furnish the information may result in a 31 percent reduction of payments otherwise due under the contract.

©) The TIN may be used by the Government to collect and report on any delinquent amounts arising out of the offeror's relationship with the Government (31 U.S.C. 7701©)(3)). If the resulting contract is subject to the payment reporting requirements described in FAR 4.904, the TIN provided hereunder may be matched with IRS records to verify the accuracy of the offeror's TIN.

(d) *Taxpayer Identification Number (TIN).*

_____ TIN: _____.

_____ TIN has been applied for.

_____ TIN is not required because:

_____ Offeror is a nonresident alien, foreign corporation, or foreign partnership that does not have income effectively connected with the conduct of a trade or business in the United States and does not have an office or place of business or a fiscal paying agent in the United States;

_____ Offeror is an agency or instrumentality of a foreign government;

_____ Offeror is an agency or instrumentality of a Federal government;

(e) *Type of organization.*

- _____ Sole proprietorship;
- _____ Partnership;
- _____ Corporate entity (not tax-exempt);
- _____ Corporate entity (tax-exempt);
- _____ Government entity (Federal, State, or local);
- _____ Foreign government
- _____ International organization per 26 CFR 1.6049-4;
- _____ Other _____

(f) *Common Parent.*

- _____ Offeror is not owned or controlled by a common parent as defined in paragraph (a) of this provision.
- _____ Name and TIN of common parent:
 - Name _____
 - TIN _____

(End of provision)

AOC52.204-2 DATA UNIVERSAL NUMBERING SYSTEM (DUNS) NUMBER (JUN 2004)

(a) The offeror shall enter, in the space provided below, the DUNS number that identifies the offeror's name and address exactly as stated in the offer. The DUNS number is a nine-digit number assigned by Dun and Bradstreet Information Services.

(b) If the offeror does not have a DUNS number, it should contract Dun and Bradstreet directly to obtain one. A DUNS number will be provided immediately by telephone at no charge to the offeror. For information on obtaining a DUNS number, the offeror, if located within the United States, should call Dun and Bradstreet at 1-800-333-0505. The offeror should be prepared to provide the following information:

- (1) Company name,
- (2) Company address;
- (3) Company telephone number;

- (4) Line of business;
- (5) Chief executive officer/key manager;
- (6) Date the company was started;
- (7) Number of people employed by the company; and
- (8) Company affiliation.

©) Offerors located outside the United States may obtain the location and phone number of the local Dun and Bradstreet Information Services office from the Internet home page at <http://www.customerservice@dnb.com>. If an offeror is unable to locate a local service center, it may send an e-mail to Dun and Bradstreet at globalinfo@mail.dnb.com.

(d) Enter DUNS number:_____.

(End of provision)

AOC52.204-3 REPRESENTATIONS AND CERTIFICATIONS (NOV 2004)

The offeror shall properly execute and submit with its offer the Representations and Certifications contained herein. Insert information in spaces provided as applicable.

(End of provision)

FAR 52.209-5 CERTIFICATION REGARDING DEBARMENT, SUSPENSION, PROPOSED DEBARMENT, AND OTHER RESPONSIBILITY MATTERS (DEC 2001)

(a)(1) The Offeror certifies, to the best of its knowledge and belief, that—

(I) The offeror and/or any of its Principals –

(A) Are () are not () presently debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any Federal agency;

(B) Have () have not (), within a three-year period preceding this offer, been convicted of or had a civil judgment rendered against them for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, state, or local) contract or subcontract; violation of Federal or state antitrust statutes relating to the submission of offers; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, or receiving stolen property; and

©) Are () are not () presently indicted for, or otherwise criminally or civilly charged by a governmental entity with, commission of any of the offenses enumerated in paragraph (a)(1)(i)(B) of this provision.

(ii) The Offeror has () has not (), within a three-year period preceding this offer, had one or more contracts terminated for default by any Federal agency.

(2) "Principals," for the purposes of this certification, means officers; directors; owners; partners; and, persons having primary management or supervisory responsibilities within a business entity (e.g., general manager; plan manager; head of a subsidiary, division, or business segment, and similar positions).

This Certification Concerns a Matter Within the Jurisdiction of an Agency of the United States and the Making of a False, Fictitious, or Fraudulent Certification May Render the Maker Subject to Prosecution Under Section 1001, Title 18, United States Code.

©) The Offeror shall provide immediate written notice to the Contracting Officer if, at any time prior to contract award, the Offeror learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

(d) A certification that any of the items in paragraph (a) of this provision exists will not necessarily result in withholding of an award under this solicitation. However, the certification will be considered in connection with a determination of the Offeror's responsibility. Failure of the Offeror to furnish a certification or provide such additional information as requested by the Contracting Officer may render the Offeror nonresponsible.

(e) Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render, in good faith, the certification required by paragraph (a) of this provision. The knowledge and information of an Offeror is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

(f) The certification in paragraph (a) of this provision is a material representation of fact upon which reliance was placed when making award. If it is later determined that the Offeror knowingly rendered an erroneous certification, in addition to other remedies available to the Government, the Contracting Officer may terminate the contract resulting from this solicitation for default.

(End of provision)

AOC52.215-8 AUTHORIZED NEGOTIATORS (JUN 2004)

The offeror represents that following persons are authorized to negotiate on its behalf with the Government in connection with this Request for Proposal:

<u>Name</u>	<u>Title</u>
<u>Telephone:</u>	<u>E-Mail:</u>
<hr/>	
<hr/>	<hr/>

Name

Title

Telephone: _____

E-Mail: _____

Name

Title

Telephone: _____

E-Mail: _____

(End of provision)

FAR 52.225-2 BUY AMERICAN CERTIFICATE (JUNE 2003)

(a) The offeror certifies that each end product, except those listed in paragraph (b) of this provision, is a domestic end product and that the offeror has considered components of unknown origin to have been mined, produced, or manufactured outside the United States. The offeror shall list as foreign end products those end products manufactured in the United States that do not qualify as domestic end products. The terms “component”, “domestic end product”, “end product”, “foreign end product”, and “United States” are defined in the clause of this solicitation entitled “Buy American Act - Supplies”.

(b) Foreign End Products

Country of Origin

_____	_____
_____	_____
_____	_____
_____	_____

(List as Necessary)

©) The Government will evaluate offers in accordance with the policies and procedures of Part 25 of the Federal Acquisition Regulation.

(End of provision)

END OF SECTION K

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SECTION L
INSTRUCTIONS, CONDITIONS, AND NOTICES TO OFFERORS

AOC52.215-1 INSTRUCTIONS TO OFFERORS (FEB 2005)

(a) *Definitions.* As used in this provision --

“Proposal modification” is a change made to a proposal before the solicitation’s closing date and time, or made in response to an amendment, or made to correct a mistake at any time before award.

“Proposal revision” is a change to a proposal made after the solicitation closing date, at the request of or as allowed by a Contracting Officer as the result of negotiations.

“Time,” if stated as a number of days, is calculated using calendar days, unless otherwise specified, and will include Saturdays, Sundays, and legal holidays, including Presidential Inauguration Day. However, if the last day falls on a Saturday, Sunday, or legal holiday, including Presidential Inauguration Day, then the period shall include the next working day.

(b) Offerors are expected to examine the entire solicitation and all instructions. Failure to do so will be at the offeror’s risk. Each offeror shall furnish the information required by the solicitation. The offeror will be held responsible for full knowledge of all information contained therein.

©) *Packaging, transmission, and tracking of proposals.* (1) Proposals, modifications, and revisions shall be enclosed, in the quantities specified elsewhere in this solicitation, in sealed envelopes. With each copy of the form entitled “SOLICITATION, OFFER, AND AWARD, enclose the completed Schedule page, and Representations and Certifications. Address envelopes to: Architect of the Capitol, Procurement Division, Ford House Office Building, Attn: Carole Boucher, Room H2-263 Bid Room, Second and “D” Streets, S.W., Washington, DC 20515. Offeror shall place the OF-17, Offer Label, on the exterior of the package on the same side as the address, or write “Bid Documents Enclosed”, “H2-263 Bid Room”, and write the solicitation number, time and date for receipt of offers on the exterior of the package on the same side as the address. **Telegraphic or facsimile proposals and modifications are acceptable. Please either fax to (866) 221-4147 or email to clindsay@aoc.gov by the date and time of solicitation due date.**

(2) Current security requirements established by the U.S. Capitol Police to screen mail being delivered to the U.S. Capitol Complex of buildings preclude the use of U. S. Postal Service by offerors to deliver their proposals submitted in response to this solicitation. In addition, because all packages must be screened for security purposes at a central location prior to their delivery, the Architect of the Capitol cannot accept packages containing offers hand carried directly to the Bid Room address within the Ford House Office Building, or any other location in the U.S. Capitol Complex of buildings.

(3) **The only acceptable method by which offerors can deliver their responses to this solicitation shall be via email to clindsay@aoc.gov, or via fax at (866)-221-4147. OFFERORS - DO NOT MAIL YOUR OFFER BY REGULAR U.S. MAIL.**

(d) *Submission, modification, revision, and withdrawal of proposals.* (1) Offerors are responsible for submitting proposals and any modifications or revisions so as to reach the Government office designated in the solicitation by the time specified in the solicitation. If no time is specified in the solicitation, the time for receipt is 4:30 p.m. local time, for the designated Government office on the date that the proposal or revision is due. For the purposes of determining timeliness, the designated Government office is

defined as the Pitney Bowes Management Services Capitol Heights Mail Facility at 9140 East Hampton Drive, Capitol Heights, Maryland 20743.

(2) Any proposal, modification, or revision received at the Government office designated in the solicitation after the exact time specified for receipt of offers is “late” and will not be considered unless it is received before award is made, the Contracting Officer determines that accepting the late offer would no unduly delay the acquisition, and-

(I) If it was transmitted through an electronic commerce method authorized by the solicitation, it was received at the initial point of entry to the Government infrastructure not later than 5:00 p.m. one working day prior to the date specified for receipt of proposals;

(ii) There is acceptable evidence to establish that it was received at the Government installation designated for receipt of proposals and was under the Government’s control prior to the time set for receipt of proposals; or

(iii) It is the only proposal received.

(3) However, a late modification of an otherwise successful proposal that makes its terms more favorable to the Government, will be considered at any time it is received and may be accepted.

(4) Acceptable evidence to establish the date of receipt at the Government installation includes the time/date stamp of that installation on the offer wrapper, other documentary evidence of receipt maintained by the installation, or oral testimony or statements of Government personnel.

(5) If an emergency or unanticipated event interrupts normal Government processes so that offers cannot be received at the Government office designated for receipt of proposals by the exact time specified in the solicitation and urgent Government requirements preclude amendment of the solicitation, the time specified for receipt of proposals will be deemed to be extended to the same time of day specified in the solicitation on the first work day on which normal Government processes resume.

(6) Proposals may be withdrawn by written notice received at any time before award. Proposals may be withdrawn in person by an offeror or an authorized representative if the identity of the person requesting withdrawal is established and the person signs a receipt for the proposal before award.

(End of provision)

AOC52.215-2 INTERPRETATIONS AND AMENDMENTS (JUN 2004)

(a) Any prospective offeror desiring an explanation or interpretation of the solicitation, drawings, specifications, etc., must request it in writing no later than fourteen calendar days prior to the date established for receipt of offers. Oral explanations or instructions given before the award of a contract will not be binding.

(b) Prospective offerors shall request the Contracting Officer, in writing, via FAX or e-mail for an interpretation or correction of any ambiguity, inconsistency, or error in the contract documents which they may discover or which should have been discovered by a reasonably prudent offeror. Such requests

or objections to materials or methods of construction shown or specified shall be directed to the attention of the Contracting Officer at least seven (7) calendar days prior to the date specified for receipt of proposals. Written requests shall be transmitted via e-mail to clindsay@aoc.gov or via facsimile to (866) 221-4147.

©) Any interpretations or corrections, as well as any additional modifications the Contracting Officer may desire to include, will be in the form of amendments, in writing, which will be sent on the same date to all offerors if that information is necessary in submitting offers or if the lack of it would be prejudicial to other prospective offerors and shall become a part of any subsequent contract. The Contracting Officer reserves the right to answer only such questions as have, in his opinion, a definite bearing upon the proposals to be submitted.

(1) Offerors shall acknowledge the receipt of all amendments to the solicitation by:

(I) Signing and returning the amendment;

(ii) Identifying the amendment number and date in the space provided for this purpose on the form for submitting a offer;

(iii) Letter or telegram; or

(iv) Facsimile, if facsimile offers are authorized in the solicitation.

(2) The Government must receive the acknowledgment by the time and at the place specified for receipt of offers.

(d) Requests for oral interpretations or any other interpretations not made by amendments will not be accepted, and any information that may possibly be gained by offerors in that manner is gratuitous and not binding.

(e) If this solicitation is amended, all terms and conditions that are not amended remain unchanged.

(End of provision)

AOC52.215-3 RESTRICTION ON DISCLOSURE AND USE OF DATA (JUN 2004)

Offerors that include in their proposals data that they do not want disclosed to the public for any purpose, or used by the Government except for evaluation purposes, shall—

(a) Mark the title page with the following legend:

“This proposal includes data that shall not be disclosed outside the Government and shall not be duplicated, used, or disclosed--in whole or in part--for any purpose other than to evaluate this proposal. If, however, a contract is awarded to this offeror as a result of--or in connection with--the submission of this data, the Government shall have the right to duplicate, use, or disclose the data to

the extent provided in the resulting contract. This restriction does not limit the Government's right to use information contained in this data if it is obtained from another source without restriction. The data subject to this restriction are contained in sheets (insert numbers or other identification of sheets)"; and

- (b) Mark each sheet of data it wishes to restrict with the following legend:
"Use or disclosure of data contained on this sheet is subject to the restriction on the title page of this proposal."

(End of provision)

AOC52.215-6 PREPARATION OF PROPOSALS (JUN 2004)

- (a) Offerors are expected to examine the drawings, if any, specifications, Schedule, and all instructions. Failure to do so will be at the Offerors risk.
- (b) Each offeror shall furnish the information required by the solicitation. The offerors shall sign the offer on Page 1 (SOLICITATION, OFFER AND AWARD) in block 15 and return this solicitation package in its entirety. Erasures or other changes must be initialed by the person signing the offer. Offers signed by an agent shall be accompanied by evidence of that agent's authority, unless that evidence has been previously furnished to the issuing office.
- (c) For each item offered, offers shall—
- (1) Show the unit price, if required, including, unless otherwise specified, packaging, packing, and preservation; and
 - (2) Enter the extended price for the quantity of each item offer in the "Amount" column of the Schedule.
- (d) In case of discrepancy between a unit price and an extended price, the unit price will be presumed to be correct, subject, however, to correction to the same extent and in the same manner as any other mistake.
- (e) Offers for supplies or services other than those specified will not be considered unless authorized by the solicitation.

(End of provision)

AOC52.215-9 FAILURE TO SUBMIT OFFER (JUN 2004)

Recipients of this solicitation not responding with a proposal should not return this solicitation, unless it specifies otherwise. Instead, they should advise the issuing office by letter, postcard, or established electronic commerce methods, whether they want to receive future solicitations for similar requirements. If a recipient does not submit a proposal and does not notify the issuing office that future solicitations are desired, the recipient's name will be removed from the applicable mailing list.

(End of provision)

FAR 52.216-1 TYPE OF CONTRACT (APR 1984)

The Government contemplates award of a firm-fixed-price supply contract resulting from this solicitation.

(End of provision)

FAR 52.252-1 SOLICITATION PROVISIONS INCORPORATED BY REFERENCE (FEB 1998)

This solicitation incorporates one or more solicitation provisions by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. The offeror is cautioned that the listed provisions may include blocks that must be completed by the offeror and submitted with its quotation or offer. In lieu of submitting the full text of those provisions, the offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer. Also, the full text of a solicitation provision may be accessed electronically at this/these address(es): www.gsa.gov or www.govcon.com

<u>PROVISION TITLE</u>	<u>DATE</u>	<u>FAR REFERENCE</u>
BRAND NAME OR EQUAL	AUG 1999	52.211-6

(End of provision)

END OF SECTION L

SECTION M
EVALUATION FACTORS FOR AWARD

TABLE OF CONTENTS

AOC52.215-4 CONTRACT AWARD

SECTION M EVALUATION FACTORS FOR AWARD

AOC52.215-4 CONTRACT AWARD (JUN 2004)

(a) The Government will evaluate offers in response to this solicitation without discussions and will award a contract to the responsible offeror whose offer, conforming to the solicitation, will be most advantageous to the Government considering only price and the price-related factors specified elsewhere in the solicitation. Therefore, the offeror's initial proposal should contain the offeror's best terms from a price standpoint. The Government reserves the right to conduct discussions.

(b) The Government may—

- (1) Reject any or all offers;
- (2) Accept other than the lowest offer; and
- (3) Waive informalities or minor irregularities in offers received.

(c) The Government may accept any item or combination of items, unless doing so is precluded by a restrictive limitation in the solicitation or the offer.

(d) A written award or acceptance of offer mailed or otherwise furnished to the successful offeror within the time for acceptance specified in the offer shall result in a binding contract without further action by either party. Before the offer's specified expiration time, the Government may accept an offer (or part of an offer as provided in Paragraph (c) of this clause), whether or not there are negotiations after its receipt, unless a written notice of withdrawal is received before award. Negotiations conducted after receipt of an offer do not constitute a rejection or counteroffer by the Government.

(e) Neither financial data submitted with an offer, nor representations concerning facilities or financing, will form a part of the resulting contract. However, if the resulting contract contains a clause providing for price reduction for defective cost or pricing data, the contract price will be subject to reduction if cost or pricing data furnished is incomplete, inaccurate, or not current.

(f) The Government may determine that an offer is unacceptable if the prices proposed are materially unbalanced between line items or sub line items. Unbalanced pricing exists when, despite an acceptable total evaluated price, the price of one or more contract line items is significantly overstated or understated as indicated by the application of cost or price analysis techniques. A proposal may be rejected if the Contracting Officer determines that the lack of balance poses an unacceptable risk to the Government.

(End of provision)

END OF SECTION M

SECTION 08111

STANDARD STEEL DOORS AND FRAMES

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes standard hollow-metal steel doors and frames fire rated metal doors & drawers and bronze cladding for steel doors, and bronze frames for bronze-clad doors.

1.2 SUBMITTALS

- A. Product Data: Include construction details, material descriptions, core descriptions, label compliance, fire-resistance rating, and finishes for each type of steel door and frame specified.
- B. Shop Drawings: Provide a schedule of standard steel doors and frames using same reference numbers for details and openings as those on Drawings.
- C. Product test reports.

1.3 QUALITY ASSURANCE

- A. Fire-Rated Door Frame Assemblies: Assemblies complying with NFPA 80 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire-protection ratings indicated.
 - 1. Test Pressure: Test at atmospheric (neutral) pressure according to NFPA 252 or UL 10B.
- B. Smoke-Control Door Assemblies: Comply with NFPA 105 or UL 1784.

1.4 DEFINITIONS

- A. Weld: Braze, solder or weld, as applicable for the particular type, alloy and gage of metal, and as recommended by AISI, AWS, CDA and NAAMM.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Deliver doors and frames palletized, wrapped, or crated to provide protection during transit and Project-site storage. Do not use nonvented plastic.

- 1.6 Deliver welded frames with two removable spreader bars across bottom of frames, tack welded to jambs and mullions

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Available Manufacturers: Bronze clad doors with glass 1 hour rated and other doors 2 hour rated. Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

1. Amweld Building Products, LLC.
2. Benchmark Doors; a division of General Products Co., Inc.
3. Ceco Door Products; an ASSA ABLOY Group Company.
4. CURRIES Company; an ASSA ABLOY Group Company.
5. Kewanee Corporation (The).
6. Pioneer Industries, Inc.
7. Republic Builders Products Company.
8. Steelcraft; an Ingersoll-Rand Company.

2.2 MATERIALS

- A. Cold-Rolled Steel Sheet: ASTM A 1008/A 1008M, Commercial Steel (CS), Type B; suitable for exposed applications.
- B. Hot-Rolled Steel Sheet: ASTM A 1011/A 1011M, Commercial Steel (CS), Type B; free of scale, pitting, or surface defects; pickled and oiled.
- C. Bronze:
1. Provide the following alloys, complying with referenced ASTM standard, unless otherwise recommended by fabricator to fulfill performance criteria.
 - a. Sheet, plate, and other shapes: UNS Series 28000 alloy, Muntz Metal.
 2. Plate, sheet, strip and other shapes: ASTM B36/B36M and B248.
- D. Powder-Actuated Fasteners in Concrete: Fastener system of type suitable for application indicated, fabricated from corrosion-resistant materials, with clips or other accessory devices for attaching standard steel door frames of type indicated.
- E. Grout: Comply with ASTM C 476, with a slump of 4 inches (102 mm) for standard steel door frames built into concrete or masonry, as measured according to ASTM C 143/C 143M.
- F. Mineral-Fiber Insulation: ASTM C 665, Type I (blankets without membrane facing); consisting of fibers manufactured from slag or rock wool with 6- to 12-lb/cu. ft. (96- to 192-kg/cu. m) density; with maximum flame-spread and smoke-developed indexes of 25 and 50 respectively; passing ASTM E 136 for combustion characteristics.
- G. Glazing: Comply with requirements in Division 8 Section "Glazing."

- H. Bituminous Coating: Cold-applied asphalt mastic, SSPC-Paint 12, compounded for 15-mil (0.4-mm) dry film thickness per coat. Provide inert-type noncorrosive compound free of asbestos fibers, sulfur components, and other deleterious impurities.

2.3 SHOP FINISH MATERIALS FOR BRONZE

- A. Corrosion Inhibitor:
1. Acceptable products and manufactures include but are not limited to Cobrate 45I by PMC Specialties Group, Cincinnati, OH.
 2. Dilute to a 3% solution.

Lacquer:

3. Clear air-dry acrylic lacquer as recommended by fabricator for protection of finished metal surface from oxidation, pitting, peeling corroding and yellowing.
4. Acceptable product and manufacturers include but are not limited to the following: Incralac by Seagrave Coating Corp.

B. Wax :

1. General:
 - a. Acceptable products and manufacturers include but are not limited to those listed.
2. Formulate wax coating according to the following proportions. Mix thoroughly.
 - a. 71%: Victory White microcrystalline wax, by Witch, Greenwich, CT.
 - b. 13%: Polyethylene 2000 wax, by Witch, Greenwich, CT.
 - c. 13%: Hard (80H) microcrystalline wax, by Talas, New York, NY.
 - d. 3%: Cosmoloid, by Talas, New York, NY

2.4 STANDARD STEEL DOORS

- A. General: Provide doors of design indicated, not less than thickness indicated; fabricated with smooth surfaces, without visible joints or seams on exposed faces. Comply with ANSI A250.8.
1. Core Construction: Manufacturer's standard kraft-paper honeycomb, mineral-board, or vertical steel-stiffener core that produces doors complying with ANSI A250.8.
 2. Vertical Edges for Single-Acting Doors: Beveled edge.
 - a. Beveled Edge: 1/8 inch in 2 inches (3 mm in 50 mm).
 3. Top and Bottom Edges: Closed with flush or inverted 0.042-inch- (1.0-mm-) thick end closures or channels of same material as face sheets.
- B. Interior Doors: Face sheets fabricated from cold-rolled steel sheet, unless otherwise indicated to comply with exterior door requirements. Provide doors complying with requirements indicated below by referencing ANSI A250.8 for level and model and ANSI A250.4 for physical-endurance level:
1. Level 2 and Physical Performance Level B (Heavy Duty), Model 2 (Seamless).

2.5 STANDARD STEEL FRAMES

- A. General: Comply with ANSI A250.8 and with details indicated for type and profile.
- B. Interior Frames: Fabricated from cold-rolled steel sheet, unless otherwise indicated to comply with exterior frame requirements.
 - 1. Fabricate knocked-down frames with mitered or coped corners, for field assembly where indicated.
 - 2. Fabricate knocked-down, drywall slip-on frames for in-place gypsum board partitions.
 - 3. Frames for Level 2 Steel Doors: 0.053-inch- (1.3-mm-) thick steel sheet.
 - 4. Frames for Wood Doors: 0.053-inch- (1.3-mm-) thick steel sheet.
- C. Supports and Anchors: Fabricated from electrolytic zinc-coated or metallic-coated steel sheet.
- D. Jamb Anchors: Masonry, stud-wall, compression, or postinstalled expansion type; not less than 0.042 inch (1.0 mm) thick.
- E. Floor Anchors: Formed from same material as frames, not less than 0.042 inch (1.0 mm) thick.
- F. Plaster Guards: Formed from same material as frames, not less than 0.016-inch (0.4-mm) thick.

2.6 COMPONENTS – BRONZE CLAD DOORS AND FRAMES

- A. Cladding for Fire Rated Doors, and Door Frames:
 - 1. Materials:
 - a. Cladding: Bronze sheet, of specific type, alloy, heat treatment and finish required to product Work indicated; minimum 1.33 m thick (16 gage).
 - b. Frames: Formed bronze sheet, minimum 2 mm thick.
 - 1. Design to accommodate doors and hardware.
 - 2. Provided fully welded or brazed construction, including jamb and head stops, with welded, mitered and reinforced corner joints.
 - 3. Welds on exposed faces shall be ground smooth and flush to provided smooth, seamless faces and edges.
 - 4. Provide 1.5 m thick steel channel spreaders at bottom of frames to prevent distortion during shipment and installation.
 - 2. Coordinate STEEL DOORS AND FRAMES, specified in this specification section.
 - 3. Finish: M42, followed by protective coating.

2.7 STOPS AND MOLDINGS

- A. Moldings for Glazed Lites in Doors: Minimum 0.032 inch (0.8 mm) thick, fabricated from same material as door face sheet in which they are installed.

2.8 FABRICATION

- A. General: Fabricate standard steel doors and frames to be rigid and free of defects, warp, or buckle. Accurately form metal to required sizes and profiles, with minimum radius for thickness of metal. Where practical, fit and assemble units in manufacturer's plant. To ensure

proper assembly at Project site, clearly identify work that cannot be permanently factory assembled before shipment.

B. Standard Steel Doors:

1. Glazed Lites: Factory cut openings in doors.

C. Standard Steel Frames: Where frames are fabricated in sections due to shipping or handling limitations, provide alignment plates or angles at each joint, fabricated of same thickness metal as frames.

1. Frames: Provide closed tubular members with no visible face seams or joints; fabricated from same material as door frame. Fasten members at crossings and to jambs by butt welding.
2. Provide countersunk, flat- or oval-head exposed screws and bolts for exposed fasteners, unless otherwise indicated.
3. Plaster Guards: Weld guards to frame at back of hardware mortises in frames installed in masonry.
4. Floor Anchors: Weld anchors to bottom of jambs and mullions with at least four spot welds per anchor.
5. Jamb Anchors: Locate anchors not more than 18 inches (457 mm) from top and bottom of frame. Space anchors not more than 32 inches (813 mm) o.c.
6. Door Silencers: Except on weather-stripped doors, drill stops to receive door silencers as follows. Provide plastic plugs to keep holes clear during construction.

D. Hardware Preparation: Factory prepare standard steel doors and frames to receive templated mortised hardware; include cutouts, reinforcement, mortising, drilling, and tapping, according to the Door Hardware Schedule and templates furnished as specified in Division 8 Section "Door Hardware."

1. Comply with applicable requirements in ANSI A250.6 and ANSI/DHI A115 Series specifications for door and frame preparation for hardware. Locate hardware as indicated on Shop Drawings or, if not indicated, according to ANSI A250.8.

E. Stops and Moldings: Provide stops and moldings around glazed lites where indicated. Form corners of stops and moldings with mitered hairline joints.

1. Provide fixed stops and moldings welded on secure side of door or frame.
2. Provide loose stops and moldings on inside of doors and frames.

2.9 FINISHES FOR STEEL

A. Steel Finish: Factory priming for field-painted finish.

1. Shop Primer: Manufacturer's standard, fast-curing, lead- and chromate-free primer complying with ANSI A250.10 acceptance criteria.

2.10 SHOP FINISHES FOR BRONZE

A. Mechanical Finishes:

1. General:
 - a. Remove or blend tool and die marks and stretch lines into finish.
 - b. Grind and polish surfaces to produce uniform finish indicated, free of cross scratches. Run grain with long dimension of each piece.
 - c. When polishing is completed, passivate and rinse surfaces. Remove embedded foreign matter and leave surfaces chemically clean.
2. Extrusion, sheet, and bars:
 - a. Provide NAAMM M42 (fine non-matte non-directional textured finish).
 - b. Clean bronze, and supply protective coating to exposed bronze after fabrication. See below for application of protective coating.

B. Protective Coating:

1. General
 - a. Protective coating consists of the sequential application of 3 components: Corrosion inhibitor, lacquer, and wax coating.
 - b. Apply each component according to instructions of respective manufacturer.
2. Corrosion inhibitor:
 - a. Spray apply corrosion inhibitor. Allow to dry to a white/hazy film.
3. Lacquer: Apply and let dry.
4. Wax coating:
 - a. Apply wax coating cold using natural brush. Allow coating to harden. Buff between coatings and after final coating.
 - b. Apply second coat and third coat of wax coating in same manner.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Remove welded-in shipping spreaders installed at factory.
- B. Provide doors and frames of sizes, thicknesses, and designs indicated. Install standard steel doors and frames plumb, rigid, properly aligned, and securely fastened in place; comply with Drawings and manufacturer's written instructions.
- C. Standard Steel Frames: Install standard steel frames for doors and other openings, of size and profile indicated. Comply with SDI 105.
 1. Set frames accurately in position; plumbed, aligned, and braced securely until permanent anchors are set. After wall construction is complete, remove temporary braces, leaving surfaces smooth and undamaged.
 - a. At fire-protection-rated openings, install frames according to NFPA 80.

- b. Apply bituminous coating to backs of frames that are filled with mortar, grout, and plaster containing antifreezing agents.
 - 2. Metal-Stud Partitions: Solidly pack mineral-fiber insulation behind frames.
 - 3. Masonry Walls: Coordinate installation of frames to allow for solidly filling space between frames and masonry with mortar as specified in Division 4 Section "Unit Masonry Assemblies."
- D. Standard Steel Doors: Fit hollow-metal doors accurately in frames. Shim as necessary.
- 1. Fire-Rated Doors: Install doors with clearances according to NFPA 80.
 - 2. Smoke-Control Doors: Install doors according to NFPA 105.
- E. Glazing: Comply with installation requirements in Division 8 Section "Glazing" and with standard steel door and frame manufacturer's written instructions.
- F. Final Adjustments: Check and readjust operating hardware items immediately before final inspection. Leave work in complete and proper operating condition. Remove and replace defective work, including standard steel doors or frames that are warped, bowed, or otherwise unacceptable.
- G. Prime-Coat Touchup: Immediately after erection, sand smooth rusted or damaged areas of prime coat and apply touchup of compatible air-drying primer.

END OF SECTION 08111

SECTION 08710

FINISH HARDWARE

PART 1 GENERAL

1.1 SUMMARY

A. Section Includes:

1. Finish hardware for doors as specified and as listed in "Hardware Groups" and required by actual conditions.
2. Include screws, special screws, bolts, special bolts, expansion shields, and other devices for proper application of hardware.

B. Related Sections:

1. Section 08100 – Standard Steel Doors and Frames.
2. Section 08211 – Flush Wood Doors.
3. Division 16: Electrical.

1.2 GENERAL REQUIREMENTS

- A. Provide items, articles, materials, operations and methods listed, mentioned or scheduled herein or on drawings, in quantities as required to complete project. Provide hardware that functions properly. Prior to furnishing hardware, advise Architect of items that will not operate properly, are improper for conditions, or will not remain permanently anchored.

1.3 SUBMITTALS

- A. Hardware Schedule: Submit 5 copies of hardware schedule in vertical format as illustrated by the Sequence of Format for the Hardware Schedule as published by the Door and Hardware Institute. Schedules, which do not comply, will be returned for correction before checking. Hardware schedule shall clearly indicate architect's hardware group and manufacturer of each item proposed. The schedule shall be reviewed prior to submission by a certified Architectural Hardware Consultant, who shall affix his or her seal attesting to the completeness and correctness of the schedule.

1. Provide 2 copies of illustrations from manufacturer's catalogs and data in brochure form.
2. Check specified hardware for suitability and adaptability to details and surrounding conditions. Indicate unsuitable or incompatible items and proposed substitutions in hardware schedule.
3. Provide listing of manufacturer's template numbers for each item of hardware in hardware schedule.
4. Furnish other Contractors and Subcontractors concerned with copies of final approved hardware schedule. Submit necessary templates and schedules within ten days of receipt of purchase order to hollow metal, wood door, and aluminum door fabricators in accordance with schedule they require for fabrication.
5. Samples: Provide samples as requested by architect. Samples will be returned to be incorporated into the project if approved.

- B. Wiring Diagrams: Provide complete and detailed system operation and elevation diagrams specially

developed for each opening requiring electrified hardware, except openings where only magnetic hold-opens or door position switches are specified. Provide these diagrams with hardware schedule submittal for approval. Provide detailed wiring diagrams with hardware delivery to jobsite.

- C. Installation Instructions: Provide manufacturer's written installation and adjustment instructions for finish hardware. Send installation instructions to site with hardware.
- D. Templates: Submit templates and "reviewed Hardware Schedule" to door and frame supplier and others as applicable to enable proper and accurate sizing and locations of cutouts and reinforcing.
- E. Contract Closeout Submittals: Comply with Section 01700 including specific requirements indicated.
 - 1. Operating and maintenance manuals: Submit 3 sets containing the following:
 - a. Complete information in care, maintenance, and adjustment, and data on repair and replacement parts, and information on preservation of finishes.
 - b. Catalog pages for each product.
 - c. Parts list for each product.
 - 2. Copy of final approved hardware schedule, edited to reflect "As installed".
 - 3. Copy of final keying schedule.
 - 4. As installed "Wiring Diagrams" for each opening connected to power, both low voltage and 110 volts.
 - 5. One complete set of special tools required for maintenance and adjustment of hardware, including changing of cylinders.

1.4 QUALITY ASSURANCE

- A. Manufacturer: Obtain each type of hardware (i.e. latch and locksets, hinges, closers) from single manufacturer, although several may be indicated as offering products complying with requirements.
- B. Supplier: Recognized architectural finish hardware supplier with warehousing facilities, who has been providing hardware for period of not less than 3 years. The supplier shall be, or employ, a certified Architectural Hardware Consultant (AHC), who is registered in the continuing education program as administered by the Door and Hardware Institute. The hardware schedule shall be prepared and signed by a certified AHC.
- C. Installer: Firm with 3 years experience in installation of similar hardware to that required for this project, including specific requirements indicated.
- D. Regulatory Label Requirements: Provide nationally recognized testing agency label or stamp on hardware for labeled openings. Where UL requirements conflict with drawings or specifications, hardware conforming to UL requirements shall be provided. Conflicts and proposed substitutions shall be clearly indicated in hardware schedule.
- E. Pre-Installation Conference: Prior to the installation of hardware, manufacturer's representatives for locksets, closers, and exit devices shall arrange and hold a jobsite meeting to instruct the installing contractor's personnel on the proper installation of their respective products. A letter of compliance, indicating when this meeting is held and who is in attendance, shall be sent to the Architect and Library of Congress/Government Representative.

1.5 DELIVERY, STORAGE AND HANDLING

- A. Deliver hardware to jobsite in manufacturer's original packaging, marked to correspond with approved hardware schedule. Do not deliver hardware until suitable locked storage space is available. Check hardware against reviewed hardware schedule. Store hardware to protect against loss, theft or damage.
- B. Deliver hardware required to be installed during fabrication of hollow metal, wood, or bronze clad doors prepaid to manufacturer.

1.6 WARRANTY

- A. Guarantee workmanship and material provided against defective manufacture. Repair or replace defective workmanship and material appearing within period of one year after substantial completion.
- B. Provide ten year factory warranty on door closers against defects in material and workmanship from date of occupancy of project.
- C. Provide five year factory warranty on mechanical exit devices against defects in material and workmanship from date of occupancy of project.
- D. Provide five year factory warranty on mortise locks and latches against defects in material and workmanship from date of occupancy of project.
- E. Provide lifetime factory warranty on magnetic locks and related components against defects in material and workmanship from date of occupancy of project.
- F. Replace shortages and incorrect items with correct material at no additional cost to Government.
- G. At completion of project, qualified factory representative shall inspect closer installation. After this inspection, letter shall be sent to Architect reporting on conditions, verifying that closers have been properly installed and adjusted.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturers and Types: Only manufacturers as listed below will be accepted. Obtain each type of finish hardware (hinges, latch and locksets, exit devices, door closers, etc.) from a single manufacturer.

2.2 BUTT HINGES

- A. Conform to ANSI A156.1, five-knuckle design, bearing type as specified with NRP (non-removable pin) feature at exterior and interior reverse bevel doors with locks.
- B. Unless otherwise scheduled, supply one (1) hinge for every 30" of door height.
- C. Size: 4 1/2" x 4 1/2" for doors up to 3'-0" in width, 5" x 4 1/2" for doors over 3'-0" in width. Provide heavy weight hinges (.180) at all high traffic doors where specified. Provide hinges with Phillips flat-

head screws unless specified otherwise.

- D. Provide bronze finished (US10B) steel hinges at all doors unless otherwise noted.
- E. Width of hinges shall be sufficient to clear trim and wall conditions as shown on the drawings.
- F. Electric hinges: Provide sufficient number of concealed wires to accommodate electric function of specified hardware. Locate electric hinge at center location. Provide mortar guard similar to McKinney MG-16 for each electric hinge specified. Provide ElectroLynx standardized plug in connectors to accommodate up to twelve wires.
- G. Manufacturers:
 - 1. Specified Manufacturer: McKinney
 - 2. Approved Substitutes: Hager, Bommer
- H. Drill 5/32 inch hole and use No. 12, 1-1/4 inch steel threaded to the head wood screws for hinges on wood doors.

2.3 FLUSHBOLTS

- A. Flushbolts: ANSI/BHMA A156.16.
 - 1. Provide minimum 1/2" diameter rods of brass or stainless steel, with minimum 12" long rods for doors up to 7'-0" in height. Provide longer rods as needed for doors exceeding 7'-0" in height.
 - 2. Provide dustproof strikes for bottom flushbolt applications, except where special threshold construction provides non-recessed strike for bolt.
 - 3. Finish: BHMA #630 (US32D)
 - 4. Acceptable Manufacturers: Wood Doors/Hollow Metal Doors
 - a. Ives: FB358/FB458
 - b. Rockwood: 557/555
 - c. Trimco: 3913/3917
- B. Combination Flushbolts: ANSI/BHMA A156.16
 - 1. Provide combination flushbolts using one automatic flushbolt for bottom of door and one constant, self-latching flushbolt for top of door. When active leaf is opened bottom automatic flushbolt is opened, however inactive leaf stays latched at top until it is manually released. Top bolt engages each time inactive leaf is closed.
 - 2. Provide dust-proof strikes for bottom flushbolt applications.
 - 3. Finish: BHMA #630 (US32D)
 - 4. Acceptable Manufacturers: (wood doors) Automatic/Self-Latching
 - a. Ives: FB41B/FB61T
 - b. Rockwood: 1945/1945
 - c. Trimco: 3815/3825
 - 5. Acceptable Manufacturers: (hollow metal doors) Automatic/Self-Latching
 - a. Ives: FB31B/FB51T
 - b. Rockwood: 1845/1845
 - c. Trimco: 3810/3820

2.4 LOCKSETS AND LATCHSETS – MORTISE

- A. Conform to ANSI 156.13 Series 1000 Grade 1.
- B. Manufactured in a single sized case formed from 12 gauge steel minimum with a field-adjustable, beveled armored front .125" minimum thickness.
- C. All functions field reversible without opening the lock body.
- D. Electrified Functions: Provide ElectroLynx standardized plug in connectors to accommodate up to twelve wires.
- E. Backset: 2 3/4" with a 3/4" anti-friction stainless steel latchbolt. Deadbolt: 1" throw made of stainless steel with 2 hardened steel roller inserts.
- F. Strikes: Non-handed with a curved lip to protect trim but not project more than 1/8" beyond trim, frame or inactive leaf.
- G. Trim: Thru-bolted and fully interchangeable between rose and escutcheon designs.
- H. Manufacturers:
 - 1. Specified Manufacturer: Yale 8791 Series – Augusta AUR Design/8782 Model at electrified.
 - 2. Approved Substitute: None

2.5 CYLINDRICAL LOCKSETS AND LATCHSETS: HEAVY DUTY

- A. Provide cylindrical locksets and latchsets that comply to ANSI A156.2, Series 4000, Grade 1. Functions as listed in Hardware Sets.
- B. Locks shall have field reversible handling.
- C. Strikes to be 16 gage, with 1" deep box construction, curved lip of sufficient length to clear trim and protect clothing.
- D. Lock mechanism shall be designed to allow locked to freely rotate while remaining securely locked, preventing damage to internal lock components by excessive force.
- E. Manufacturers:
 - 1. Specified Manufacturer: Yale 5400LN Series wit AU lever design
 - 2. Approved substitute: None

2.6 EXIT DEVICES

- A. Certified to meet ANSI/BHMA A156.3 Grade 1 requirements.
- B. Provide exit device series and functions as specified in hardware sets with US10B finish.
- C. All exit devices UL listed for panic. Exit devices for labeled doors UL listed as "Fire Exit Hardware".
- D. Electrified Functions: Provide ElectroLynx standardized plug in connectors to accommodate up to twelve wires.
- E. Where lever trim is specified, provide lever design to match lockset levers, thru-bolted with freewheeling lever design to match locksets.

- F. Provide narrow appearance mortise type at single doors.
- G. Provide narrow appearance concealed vertical rod type at pairs of doors. Without the use of bottom rod assemblies unless required by UL.
- H. Provide electro mechanical option with electrical latch pull back, monitoring features and associated power supply.
- I. Provide cylinder dogging feature for non-rated exit devices.
- J. Manufacturers:
 - 1. Manufacturer: Yale 7000 x 600 trim
 - 2. Approved Substitute: Sargent 80 x ET trim, Corbin Russwin ED5000 x 900 trim

2.7 ELECTRIC STRIKES

- A. Provide electric strikes designed for use with the type locks shown at each opening where specified.
- B. UL Listed as Burglary-Resistant Electric Door Strikes and where required shall be UL Listed as Electric Strikes for Fire Doors and Frames. Provide fail-safe type electric strikes, unless specified otherwise.
- C. Provide ElectroLynx standardized plug in connectors to accommodate up to twelve wires.
- D. Provide transformers and rectifiers for each strike as required. Verify voltage with electrical contractor.
- E. Manufacturers:
 - 1. Specified Manufacturer: Folger Adam
 - 2. Approved Substitute: HES

2.8 DOOR STOPS

- A. Ives FS17 (US10B) or equal or as required. Supply stops wherever an item of door hardware or a door, when opened, might contact a wall or other part of the building construction. Contractor shall verify fastener requirements at all door stop locations and provide required anchors to suit supporting construction.

2.9 KEYING

- A. All locksets and cylinders will be keyed to a existing Library of Congress, Yale Grandmaster removable core key system.
- B. All keying requirements to be coordinated and completed at factory to protect the integrity of the system. Field keying will not be permitted and will be considered as just cause for rejection of supplier.
- C. Cylinders must be an integral part of the locks as manufactured by specified lock supplier. Substitution of foreign made cylinders or components will not be allowed and also will be cause for rejection of supplier.
- D. Provide 6 grand masterkeys. Provide 6 masterkeys for each masterkey set. Provide 3 change keys for

each lock. Provide 2 control keys for core removal. Stamp keys "DO NOT DUPLICATE."

- E. Supplier / AHC shall meet with Library of Congress/Government Representative to define / layout proposed keying schedule. Submit proposed keying schedule to Architect. As requested, meet with Owner and Architect to review final proposed schedule.
- F. Provide removable core cylinders for each lock with construction masterkeying for Library of Congress/Government Representative use during the construction period. Permanent cores installed upon completion of the project as directed by owner. Provide 10 construction masterkeys and 2 construction control keys.

2.10 COORDINATORS

- A. Provide coordinators for labeled pairs of doors equipped with automatic flush bolts and those with vertical rod / mortise lock fire exit device combinations with astragals.
- B. Provide filler bars for total opening width, closer mounting brackets, carry bars, and special preparation for top latches where applicable.
- C. Manufacturers:
 - 1. Manufacturer: Rockwood
 - 2. Approved Substitutes: McKinney, Trimco

2.11 DOOR CLOSERS

- A. Closers shall have non-ferrous covers, (painted match US10B finish) heavy duty forged steel arms, and separate valves for adjusting backcheck, delayed action, closing and latching cycles and adjustable spring to provide sizes 1 through 6.
- B. Provide non-sized closers (with parallel arms), adjustable to meet maximum opening force requirements of ADA (5.0 lbs maximum opening-force).
- C. Provide drop plates, brackets, or adapters for arms as required to suit details.
- D. Mount closers on room side of corridor doors, inside of exterior doors, and stair side of stairway doors. Where possible install closers on door for optimum aesthetics.
- E. Provide hold-open arms where specified in hardware sets.
- F. Provide closers meeting the requirements of UBC 7-2 and UL 10C positive pressure tests.
- G. Manufacturers:
 - 1. Manufacturer: LCN 4040 -DA -EDA
 - 2. Approved Substitute: Sargent 351 series, Yale 4400 series, Corbin Russwin DC6000 series.

2.12 POWER OPERATOR/DOOR OPENER

- A. Electric powered closers shall have standard non-handed metal covers with powder coated finish to match US10B finish, and variable opening time and force adjustment.
- B. Mount closers on room side of corridor doors, inside of exterior doors, and stair side of stairway doors. Where possible install closers on door for optimum aesthetics.

- C. Provide jamb mounted activator 7910-918 where indicated.
- D. Provide wall plate activator 7910-956 with flush mount box 7910-969-4.
- E. Provide integration into card reader/door security system.
- F. Manufactures:
 - 1. Manufacturer: LCN auto-equalizer 4600 series.
 - 2. Approved substitutes: Door-O-Matic senior swing

2.13 MAGNETIC HOLD OPEN

- A. Provide magnetic hold open designed for use the type of door condition shown.
- B. Provide LCN 7800 series standard profile processed wall mount or equal or as required.
- C. Finish: US10B

2.14 DOOR TRIM AND PROTECTION PLATES

- A. Kick plates 8 inches high, mop plates 6 inches high, both by 2 inches or 1 inch less than door width (LDW) as specified. .050 gauge thick bronze. Beveled four edges (B4E).
- B. For doors with louvers or narrow bottom rails, kickplate height to be 1 inch less than the dimension shown from the bottom of the door to the bottom of the louver or glass.
- C. Armor plates and door edge plates .050 gauge bronze, 36" x 2" less door width with (4) leveled edges; US10B finish size as specified in the hardware sets.
- D. Manufacturers:
 - 1. Manufacturer: Rockwood
 - 2. Approved Substitutes: McKinney, Trimco

2.15 OVERHEAD DOOR STOPS

- A. Overhead Stops:
 - 1. Where specified, overhead stops as shown in the hardware sets are to be provided or where conditions require the use of an overhead stop.
 - 2. Track, slide, arm and jamb bracket constructed of extruded bronze. Shock absorber constructed of heavy tempered steel.
 - 3. Overhead stops: non-handed design.
 - 4. Manufacturers:
 - a. Manufacturer: Rixson
 - b. Approved Substitutes: Sargent, Glynn Johnson

2.16 THRESHOLDS

- A. Provide threshold units not less than 4" wide, formed to accommodate change in floor elevation where required, fabricated to accommodate door hardware and to fit door frames. All threshold units shall comply with the Americans with Disabilities Act (ADA.)

B. Manufacturers:

1. Manufacturer: Pemko
2. Approved Substitutes: McKinney, Reese

2.17 SILENCERS

- A. Furnish beige door silencers at all openings without gasketing. Provide two at each pair of doors and three for each single door.

2.18 DOOR POSITION CONCEALED HINGE SWITCHES

- A. Coordinate door and frame preparations with door and frame suppliers.
- B. All security switches to be home run to security /panel as directed by the Library of Congress.
- C. Manufacturers:
1. Manufacturer: McKinney TA717 4 1/2" x 4 1/2" x CC x CS - US10B
 2. Approved Substitutes: None

2.19 KEY SWITCH

- A. Provide key switch unit with capability of integration into door security system.
- B. Manufacturer
1. SDC - 700 Series

2.20 KEY CABINET

- A. Provide key cabinets by Lund Equipment, Telkee Incorporated, or Key Control.
- B. Lund Deluxe wall type cabinet, Series 1200.
- C. Provide cabinet with one hook for each lock or cylinder plus at least 50 percent extra hooks.
- D. Provide tools, instruction sheets and accessories required to complete installation.
- E. Owner will place keys in key cabinet and complete index cards furnished with key system.

2.21 FASTENERS

- A. Including, but not limited to, wood or machine screws, bolts, nuts, anchors, etc. of proper type, material, and finish required for installation of hardware.
- B. Use Phillips head for exposed screws. Do not use aluminum screws to attach hardware.
- C. Provide self-tapping (TEC) screws for attachment of sweeps and stop-applied weatherstripping.

2.22 TYPICAL FINISHES AND MATERIALS

- A. The designations used in schedules and elsewhere to indicate hardware finishes are those listed in ANSI/BHMA A156.18 including coordination with traditional U.S. finishes shown by certain

manufacturers for their products.

1. Unless noted otherwise, provide US10B finish.
- B. Provide quality of finish, including thickness of plating or coating (if any), composition, hardness, and other qualities complying with manufacturer's standards, but in no case less than specified by referenced standards for the applicable units of hardware

PART 3 EXECUTION

3.1 EXAMINATION

- A. Examine doors, frames, and related items for conditions that would prevent the proper application of finish hardware. Do not proceed until defects are corrected.

3.2 INSTALLATION

- A. Install finish hardware in accordance with reviewed hardware schedule and manufacturer's printed instructions. Prefit hardware before finish is applied, remove and reinstall after finish is completed. Install hardware so that parts operate smoothly, close tightly and do not rattle.
- B. Mount hardware units at heights indicated in the following applicable publications, except as specifically indicated or required to comply with the governing regulations.
 1. "Recommended Locations for Builders Hardware for Standard Steel Doors and Frames" by the Door and Hardware Institute (DHI.)
 2. WDMA Industry Standard I.S.1.7, "Hardware Locations for Wood Flush Doors."
- C. Installation of hardware shall comply with NFPA 80 and NFPA 101 requirements.
- D. Where indicated on plans, mount door closers in manufacturer's recommended location to allow 180° maximum opening.
- E. Set units level, plumb and true to line and location. Adjust and reinforce attachment to substrate as necessary for proper installation and operation.
- F. Drill and countersink units which are not factory-prepared for anchorage fasteners. Space fasteners and anchors in accordance with industry standards.

3.3 FIELD QUALITY CONTROL

- A. After installation has been completed, provide services of qualified hardware consultant to check project to determine proper application of finish hardware according to schedule. Also check operation and adjustment of hardware items.
- B. Adjust door control devices to compensate for final operation of heating and ventilating equipment.

3.4 ADJUSTING AND CLEANING

- A. At final completion, hardware shall be left clean and free from disfigurement. Make final adjustment to door closers and other items of hardware. Where hardware is found defective repair or replace or otherwise correct as directed.

- B. Adjust door closers to meet opening force requirements of American Disability Act (ADA).
- C. Final Adjustment: Wherever hardware installation is made more than one month prior to acceptance or occupancy of space or area, return to work during week prior to acceptance or occupancy, and make final check and adjustment of hardware items in such space or area. Clean operating items as necessary to restore proper function and finish of hardware and doors.
- D. Instruct Owner's personnel in proper adjustment and maintenance of door hardware and hardware finishes.
- E. Clean adjacent surfaces soiled by hardware installation.

3.5 PROTECTION

- A. Provide for proper protection of items of hardware until Library of Congress accepts Project as complete.

3.6 HARDWARE GROUPS

- A. The following schedule of hardware groups is to be considered a guide only. The supplier is cautioned to refer to general conditions, special conditions, and the preamble to this section. It is the hardware supplier's responsibility to furnish all required hardware. Should any particular door or item be omitted in any scheduled hardware group, provide door or item with hardware same as required for similar purposes. Quantities listed are for each pair of doors, or for each single door.

B. Door Hardware Sets

A. Typical suite entry

- 3 Hinges
- 1 Electrified center hinge with integrated door status
- Electric Mortise Lockset; Fail-Secure
- 1 Closer
- 4 Silencers
- 1 Card reader

A-1. Secondary suite entry/egress

- 3 Hinges
- 1 Door position/concealed switch hinge
- Mortise Lockset; Exit lock (F09)
- 1 Closer
- 4 Silencers

A-2. Secondary suite egress

- 3 Hinges
- 1 Door position/concealed switch hinge
- 1 Exit Device (panic bar)
- 1 Closer
- 4 Silencers

B. Controlled-access service entry

- 3 Hinges
- 1 Door position/concealed switch hinge
- Mortise Lockset; Storeroom lock (F07)
- Electrified Strike; Fail-Secure
- 4 Silencers
- 1 Card reader
- 1 Automatic door opener with request to exit button and request to entry button

B-1. Controlled-access service entry (wide-throw)

- 2 - 180° hinges
- (1) Electrified hinge with integrated door status
- Electric Mortise Lockset; Fail-Secure
- 1 Closer (180° maximum opening)
- 4 Silencers
- 1 Armor Plate
- 1 Card reader
- 1 Stop

C & C-1. Passage access entry

- 4 Hinges
- 1 Passage latch set (F01)
- 1 Closer in H.O. (at non-rated door only)
- 4 Silencers
- 1 Floor stop

D. Public/Business hour access entry

- 6 Hinges
- 2 Electrified hinges with integrated door status
- 2 Electro mechanical exit devices (panic bar); Fail-Secure
- 2 closers
- 2 Silencers
- 1 Card reader with associated key switch
- 1 Key switch

E. Service-controlled access entry

- 6 Hinges
- 2 Electrified hinges with integrated door status
- 2 Electro mechanical exit devices (panic bar); Fail-Secure
- 2 Silencers
- 1 Card reader

- 1 Automatic door opener with request to exit button and request to entry button
- 2 armor plate

E-1. Service/passage within suite

- 8 Hinges;
- 2 Exit devices (panic bar)
- 2 Closers
- 2 Magnetic hold open
- 2 Silencers

F. Consultation Rm. Entry (CMU wall)

- 4 Hinges
- 1 Mortise Lockset-Entrance lock (F04)
- 1 Closer
- 4 Silencers
- 1 Floor stop

H. Typical Office (Demountable walls)

- 3 Hinges
- 1 Cylindrical Lockset-Entrance lock (F04)
- 3 Silencers
- 1 Floor stop

I. Consultation/Conference Rm. (Demountable walls)

- 3 Hinges
- 1 Cylindrical Passage latch set (F01)
- 3 Silencers
- 1 Floor stop

J. Typical pantry (Demountable walls)

- 3 Hinges
- 1 Cylindrical Passage latch set (F01)
- 1 Closer with hold open
- 3 Silencers
- 1 Floor stop

K. Secure Rm. (Demountable walls)

- 2 Hinges
- 1 Electrified hinge with integrated door status
- 1 Cylindrical Electric Lockset; Fail-Secure; Storeroom lock (F07)
- 1 Closer
- 3 Silencers
- 1 Floor stop
- 1 Narrow card reader (mount on demountable wall post)

K-1. Storage (Demountable walls)

- 3 Hinges
- 1 Cylindrical Lockset; Storeroom lock (F07)
- 1 Closer
- 3 Silencers
- 1 Floor stop

K-2. Storage (Demountable walls)

- 6 Hinges
- 1 Cylindrical Lockset; Storeroom lock (F07)
- 3 Silencers
- 1 Floor stop
- 1 Dummy trim
- 1 Set automatic flush bolts
- 1 Dust proof strike

L. Register's Conf. Rm. (Demountable walls)

- 6 Hinges
- 1 Cylindrical passage latch set (F01)
- 2 Closers
- Door coordinator
- 1 Double Dummy trim
- 2 Silencers
- 1 Set automatic flush bolts

M. Hearing Rm. (Demountable walls)

- 5 Hinges
- 1 Electrified hinge with integrated door status
- 2 Door position/concealed switch hinge
- 1 Cylindrical Electric Lockset; Fail-Secure; Storeroom lock (F07)
- 2 Closers
- Door coordinator
- 1 Double dummy trim
- 2 Silencers
- 1 Set automatic flush bolts
- 1 Narrow card reader (mount on demountable wall post)
- 1 Dust proof strike

M-1. Hearing room vestibule (Demountable walls)

- 6 Hinges
- 1- Cylindrical Lockset; Exit lock (F09)
- 2- Closers
- Door coordinator
- 1-Double dummy trim
- 2- Silencers
- 1 Set automatic flush bolts

- 1 Dust proof strike

N. **Exit stair**

- 3 Hinges
- 1- Door position/concealed switch hinge
- 1- Mechanical exit device (panic bar)
- 1- Closer
- 4- Silencers

SECTION 08810

FIRE RATED GLASS

PART 1 – GENERAL

1.1 GENERAL REQUIREMENTS

- A. Work of this Section, as shown or specified, shall be in accordance with the requirements of the Contract Documents.

1.2 SECTION INCLUDES

- A. Work of this Section includes all labor, materials, equipment and services necessary to complete the fire rated glass as shown on the drawings an/or specified herein, including but not limited to the following:

- 1. Interior fire rated system.

1.3 RELATED SECTIONS

- A. Standard steel doors and frames – Section 08111.

1.4 REFERENCES

- A. American Society for Testing and Materials (ASTM):
 - 1. ASTM E119: Methods for Fire Tests of Building Construction and Materials.
 - 2. ASTM E152: Methods for Fire Tests of Door Assemblies.
 - 3. ASTM E163: Methods for Fire Tests of Window Assemblies.
- B. National Fire Protection Association (NFPA):
 - 1. NFPA 80: Fire Doors and Windows.
 - 2. NFPA 251: Fire Tests of Building Construction & Materials
 - 3. NFPA 252: Fire Tests of Door Assemblies
 - 4. NFPA 257: Fire Test of Window Assemblies
- C. Underwriters Laboratories, Inc. (UL):
 - 1. UL 9: Fire Tests of Door Assemblies
 - 2. UL 10 B: Fire Tests of Window Assemblies
 - 3. UL 263: Fire Tests of Building Construction and Materials
 - 4. UL 10 C: Positive Pressure Fire Tests of Window & Door Assemblies

D. American National Standards Institute (ANSI):

1. ANSI Z97.1: Standard for Safety Glazing Materials Used in Buildings

E. Consumer Product Safety Commission (CPSC):

1. CPSC 16 CFR 1201: Safety Standard for Architectural Glazing Materials

1.5 SYSTEM DESCRIPTION

A. Performance Requirements

1. Duration of Fire Rating - System: Capable of providing a fire rating for 20 minutes.
2. Fire Resistive Rating: Glaze applications in occupancy or area separation walls where glazing exceeds 25% of the wall area, or as otherwise specified with a fire resistive assembly meeting the radiant heat requirements of ASTM E119. Per ASTM E119 and UL 263 requirements temperature on the non-fire side of glazing and framing at conclusion of fire test exposure shall be below 250°F above ambient room temperature.

1.6 SUBMITTALS

A. Shop Drawings: Show doors, frames, hardware and steel frame components as shown on shop drawings and schedules.

1. Obtain Architect's approval before fabrication.

B. Samples: Submit in the form of 12-inch square samples for glass and of 12-inch long samples for framing and sealants. Install sealant samples between two strips of material representative in color of the adjoining framing system.

C. Glazing Schedule: Use same designations indicated on drawings for glazed openings in preparing a schedule listing glass types and thicknesses for each size opening and location.

D. Technical Information: Submit latest edition of manufacturer's product data providing product descriptions, technical data and installation instructions.

E. Qualification Data: For firms and persons specified in "Quality Assurance" Article to demonstrate their capabilities and experience. Include lists of completed projects with project names and addresses, names and addresses of architects and owners, and other information specified.

1.7 QUALITY ASSURANCE

A. Installer Qualifications: An experienced installer who has completed work similar in material, design, and extent to that indicated for this Project and whose work has resulted in installations with a record of successful in-service performance.

B. Fire-Rated Assemblies: Assemblies complying with NFPA 80 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire ratings indicated, based on testing according to NFPA 252 and 257.

- C. Certification - Fire-Rated Assemblies: Signed by manufacturers of glass and glazing products certifying that products furnished comply with requirements.
 - 1. Entrance assembly shall be tested to the acceptance criteria of ASTM E152, NFPA 252, UL 9, UL 10-c Standard Methods of Fire Tests of Door Assemblies.
 - 2. An approved independent testing laboratory equal to UL shall conduct fire test.
 - D. Listings and Labels - Fire Rated Assemblies: Under current follow-up service by an approved independent agency maintaining a current listing or certification. Label assemblies accordance with limits of manufacturer's listing.
- 1.8 DELIVERY, STORAGE AND HANDLING
- A. Deliver, store and handle under provisions specified by manufacturer. For details on storage and product handling, please contact Technical Glass Products and request information on storage and product handling.
 - B. Deliver materials to specified destination in manufacturer or distributor's packaging undamaged, complete with installation instructions.
 - C. Store off ground, under cover, protected from weather and construction activities.
- 1.9 WARRANTY
- A. Provide system supplier's limited five year warranty.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Manufacturer Fire Rated Glazing Material: "FireLite Plus" fire rated glazing as manufactured by the Nippon Electric Glass Co. and distributed by Technical Glass Products, Kirkland, WA 98033 (800-426-0279).

2.2 MATERIALS - GLASS

- A. Fire Rated Glazing: ASTM C 1036 and ASTM C 1048; composed of multiple sheets of "Optiwhite" high visible light transmission glass laminated with an intumescent interlayer.
 - 1. Thickness of Glazing Material: 5/16", unless otherwise indicated.
 - 2. Logo: Each piece of fire-rated glazing shall be labeled with a permanent logo including name of product, manufacture, testing laboratory (UL), fire rating period, safety glazing standards, and date of manufacture.

2.3 MATERIALS - ACCESSORY

- 1. Steel Glazing Beads: Extruded steel beads with dimensions recommended by manufacturer to securely hold glazing material in place.
- 2. Fasteners: Type recommended by manufacturer

3. Glazing Accessories: Line glazing pockets with intumescent tape supplied by frame manufacturer. Set Pyrostop glass using hardwood, calcium silicate, or neoprene setting blocks.
4. Glazing Compounds: Glaze Pyrostop glass with approved vinyl supplied by manufacturer, closed cell PVC tape, or pure silicone sealant.

2.4 FABRICATION

- A. Coordinate glass opening size requirements to permit field glaze door and frame assemblies.
- B. Obtain approved shop drawings prior to fabrication.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine doors to which the glass of this section inserts into prior to installation.
- B. Notify Architect of any conditions which jeopardize the integrity of the proposed fire doors. Do not proceed until such conditions are corrected.

3.2 INSTALLATION

- A. Install systems by a specialty contractor with appropriate experience qualifications; and in strict accordance with the approved shop drawings. Employ experienced mechanics familiar with this type of specialized work.
- B. Install glazing in strict accordance with respective glazing material manufacturer's specifications. Field cutting or tampering is not permissible.

3.3 PROTECTION AND CLEANING

- A. Protect glass from damage immediately after installation by attaching crossed streamers to framing held away from glass. Do not apply markers to glass surface. Remove nonpermanent labels, and clean surfaces.
- B. Protect glass from contact with contaminating substances resulting from construction operations, including weld splatter. If, despite such protection, contaminating substances do come into contact with glass, remove them immediately as recommended by glass manufacturer.
- C. Remove and replace glass that is broken, chipped, cracked, abraded, or damaged in any way, including natural causes, accidents, and vandalism, during construction period.
- D. Wash glass on both exposed surfaces in each area of Project not more than four days before date scheduled for inspections that establish date of Substantial Completion. Wash glass as recommended by glass manufacturer.

END OF SECTION 08810